

SENSOR ACTOR LINE CONNECTORS



TECHNOLOGY IN CONNECTORS™



POWER
Sockets
SENSORS
M8 / M12 / 7/8" / RUND24
AUTOMATION
Customized

BUS-Connectors
MECH. ENGINEERING
field attachable
COMMUNICATIONS



TECHNOLOGY IN CONNECTORS™

As a leading connector manufacturer CONEC develops, produces and markets connectors worldwide for the application fields: industrial electronics, telecommunications, automation, automotive, aerospace and medical.



CONEC Germany, Lippstadt



CONEC Canada, Brampton



CONEC USA, Garner





At the headquarters in Lippstadt CONEC maintain a large research and development department, its own tool making department, CNC-turning department and a synthetics injection moulding plant. CONEC is a global player with its own subsidiaries or production sites in Canada, the USA, China, Czech Republic, Poland, France and the UK.



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SECTION 1

CONNECTORS OVERMOULDED





SAL M8x1/Ø8MM CONNECTORS OVERMOULDED

Nomenclature

S A L - 8 - R K W S 3 - 3 L - 3 / A 1 / 034

SAL
Sensor Actor Line

Installation size
8 = M8x1/Ø8 mm

Coding
= Standard
B = B-coded S = A-coded, shielded

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial
W = Angled

Version
F = Thread fixed

Locking type
= Screwable
S = Snap-in
U = Screwable/Snap-in

Number of poles
3 = 3-pos. 5 = 5-pos.
4 = 4-pos. 8 = 8-pos.

LED-display
2L = 2-LED
3L = 3-LED

Cable length
XX = Length [m]

Cable quality
A1 = PVC, grey
K1 = TPU, black, high flexible, halogenfree, UL
G2 = TPU, black, shielded, UL
G3 = PVC, grey, shielded, UL
H5 = TPU, black, flexible, halogenfree UL

Wire cross-section
034 = 0.34 mm²
05 = 0.5 mm²

SAL M8x1/Ø8MM CONNECTORS OVERMOULDED

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	TPU GF, UL 94 / PA, UL 94
Overmould standard configuration	TPU, UL 94, grey
Overmould LED-display configuration	TPU, UL translucent
Sealing	FPM
Coupling nut/-screw	GD-Zn, Ni

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-104
Current rating	IEC 61076-2-104
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Recommended torque: 0.4 Nm

Technical subject to change without notice.

SAL M12x1 CONNECTORS OVERMOULDED

Nomenclature

S A L - 1 2 - R K W 4 - 3 L - 3 / A 1

SAL
Sensor Actor Line

Installation size
12 = M12x1

Coding
= A-coding
C = C-coding
S = A-coding shielded

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial
W = Angled

Number of poles
3 = 3-pos.
4 = 4-pos.
5 = 5-pos.
6 = 6-pos.
8 = 8-pos.
12 = 12-pos.

LED-display
2L = 2-LED
3L = 3-LED

Cable length
XX = Length [m]

Cable quality
A1 = PVC, grey
A3 = PVC, grey, UL
G2 = TPU, black, shielded, UL
G3 = PVC, grey, shielded, UL
J1 = TPU, orange, irradiated, halogenfree, UL
K1 = TPU, black, high flexible, halogenfree, UL

SAL M12x1 CONNECTORS OVERMOULDED

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	TPU GF, UL 94 / PA, UL 94
Overmould standard configuration	TPU, UL 94, grey
Overmould LED-display configuration	TPU, UL 94, transluzent
Sealing	FPM
Coupling nut/-screw	GD-Zn, Ni

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-101
Current rating	IEC 61076-2-101
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Recommended torque: 0,6 Nm

Technical subject to change without notice.

SAL 7/8" CONNECTORS OVERMOULDED

Nomenclature

S A L - 7 / 8 - R K W 4 - 2 / A 3 / 150

SAL
Sensor Actor Line

Installation size
7/8 = 7/8"

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial
W = Angled

Number of poles
2PE = 2-pos. + PE
4 = 4-pos.
4PE = 4-pos. + PE

Cable length
XX = Length [m]

Cable quality
A3 = PVC, grey, 300 V, UL
A6 = PVC, grey, 600 V, UL
K1 = TPU, black, 300 V, UL
K0 = TPU, black, 600 V, UL

Wire cross-section
= 0.75 mm²
150 = 1.5 mm²
250 = 2.5 mm²

SAL 7/8" CONNECTORS OVERMOULDED

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	TPU, UL 94
Overmould	TPU, UL 94
Coupling nut/-screw	CuZn, Ni

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 60664-1
Overvoltage category	IEC 60664-1 2
Overvoltage impulse	IEC 60664-1 2,7kV
Current rating	IEC 60512-3
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

SAL RUND24 CONNECTORS OVERMOULDED

Nomenclature

S A L - 2 4 - R K W 3 P E - 2 / A 3

SAL
Sensor Actor Line

Installation size
24 = Rund24

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial
W = Angled

Number of poles
3PE = 3-pos. + PE

Cable length
XX = Length [m]

Cable quality
A3 = PVC, grey, UL

SAL RUND24 CONNECTORS OVERMOULDED

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, silver plated
Contact carrier	PA GF, UL 94
Overmould	TPU, UL 94, grey
Sealing	FPM
Coupling nut/-screw	PA GF, UL 94

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 60664-1
Current rating	IEC 60512-3
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

M8x1 CONNECTORS OVERMOULDED Screwable

Female connector axial

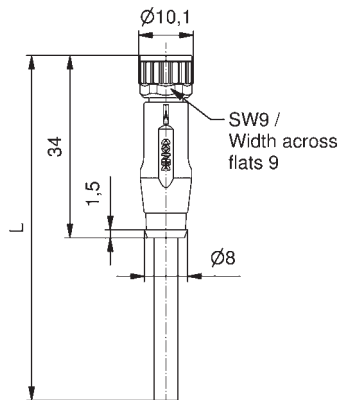
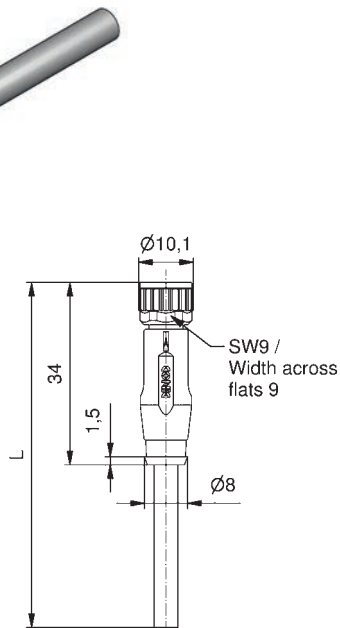
PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm²]	Description	Part No.
3		50 V AC / 60 V DC	3	2	0,25	SAL-8-RK3-2 / A1	42-10000
				3		SAL-8-RK3-3 / A1	42-10001
				5		SAL-8-RK3-5 / A1	42-10002
				10		SAL-8-RK3-10 / A1	42-10003
4		50 V AC / 60 V DC	3	2	0,25	SAL-8-RK4-2 / A1	42-10032
				3		SAL-8-RK4-3 / A1	42-10033
				5		SAL-8-RK4-5 / A1	42-10034
				10		SAL-8-RK4-10 / A1	42-10035
5	B	30	3	2	0,25	SAL-8B-RK5.1-2 / A1	42-11104
				3		SAL-8B-RK5.1-3 / A1	42-11105
				5		SAL-8B-RK5.1-5 / A1	42-11106
				10		SAL-8B-RK5.1-10 / A1	42-11107
8	A	30	1,5	2	0,14	SAL-8-RK8-2 / A1	42-11226
				3		SAL-8-RK8-3 / A1	42-11227
				5		SAL-8-RK8-5 / A1	42-11228
				10		SAL-8-RK8-10 / A1	42-11229

TPU, UL, halogenfree, black, Li9Y11Y

3	50 V AC / 60 V DC	3	0,25	2	SAL-8-RK3-2 / K1	42-10004
				3	SAL-8-RK3-3 / K1	42-10005
				5	SAL-8-RK3-5 / K1	42-10006
				10	SAL-8-RK3-10 / K1	42-10007
4	50 V AC / 60 V DC	3	0,25	2	SAL-8-RK4-2 / K1	42-10036
				3	SAL-8-RK4-3 / K1	42-10037
				5	SAL-8-RK4-5 / K1	42-10038
				10	SAL-8-RK4-10 / K1	42-10039
5	B	30	3	2	SAL-8B-RK5.1-2 / K1	42-11096
				3	SAL-8B-RK5.1-3 / K1	42-11097
				5	SAL-8B-RK5.1-5 / K1	42-11098
				10	SAL-8B-RK5.1-10 / K1	42-11099
5	B	30	3x1,5 2x3	2	SAL-8B-RK5.1-2 / H5	42-13031
				3	SAL-8B-RK5.1-3 / H5	42-13032
				5	SAL-8B-RK5.1-5 / H5	42-13033
				10	SAL-8B-RK5.1-10 / H5	42-13034
8	A	30	1,5	2	SAL-8-RK8-2 / K1	42-11175
				3	SAL-8-RK8-3 / K1	42-11176
				5	SAL-8-RK8-5 / K1	42-11177
				10	SAL-8-RK8-10 / K1	42-11178



M8x1 CONNECTORS OVERMOULDED

Screwable, wire cross section 0.5 mm²

Female connector axial

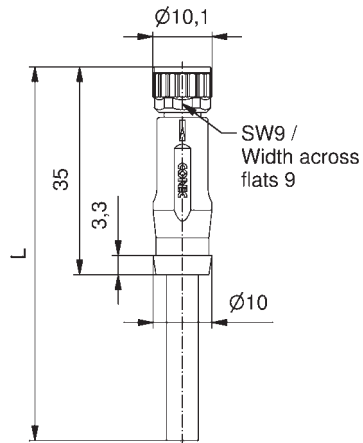
PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	5	0,5	2	SAL-8-RK3-2/A1/05	42-12226
					3	SAL-8-RK3-3/A1/05	42-12227
					5	SAL-8-RK3-5/A1/05	42-12228
					10	SAL-8-RK3-10/A1/05	42-12229
4		50 V AC / 60 V DC	5	0,5	2	SAL-8-RK4-2/A1/05	42-12266
					3	SAL-8-RK4-3/A1/05	42-12267
					5	SAL-8-RK4-5/A1/05	42-12268
					10	SAL-8-RK4-10/A1/05	42-12269



Pin 1 
Pin 3 
Pin 4 

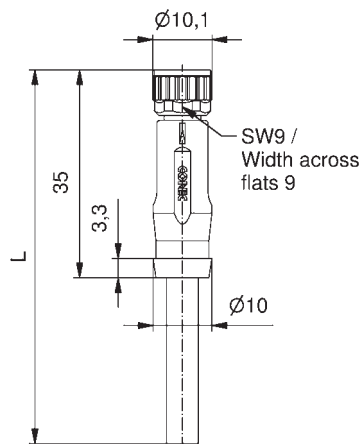


Pin 1 
Pin 2 
Pin 3 
Pin 4 

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1 
Pin 3 
Pin 4 



Pin 1 
Pin 2 
Pin 3 
Pin 4 

3		50 V AC / 60 V DC	5	0,5	2	SAL-8-RK3-2/K1/05	42-12230
					3	SAL-8-RK3-3/K1/05	42-12231
					5	SAL-8-RK3-5/K1/05	42-12232
					10	SAL-8-RK3-10/K1/05	42-12233
4		50 V AC / 60 V DC	5	0,5	2	SAL-8-RK4-2/K1/05	42-12270
					3	SAL-8-RK4-3/K1/05	42-12271
					5	SAL-8-RK4-5/K1/05	42-12272
					10	SAL-8-RK4-10/K1/05	42-12273

M8x1 CONNECTORS OVERMOULDED Snap-in

Female connector axial

PVC, grey, LiYY

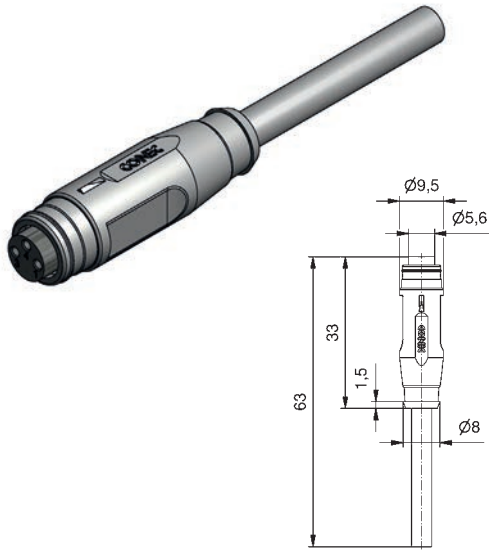
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	2	0,25	SAL-8-RKS3-2 / A1	42-10064
				3		SAL-8-RKS3-3 / A1	42-10065
				5		SAL-8-RKS3-5 / A1	42-10066
				10		SAL-8-RKS3-10 / A1	42-10067
4		50 V AC / 60 V DC	3	2	0,25	SAL-8-RKS4-2 / A1	42-10096
				3		SAL-8-RKS4-3 / A1	42-10097
				5		SAL-8-RKS4-5 / A1	42-10098
				10		SAL-8-RKS4-10 / A1	42-10099
5	B	30	3	2	0,25	SAL-8B-RKS5.1-2 / A1	42-11108
				3		SAL-8B-RKS5.1-3 / A1	42-11109
				5		SAL-8B-RKS5.1-5 / A1	42-11110
				10		SAL-8B-RKS5.1-10 / A1	42-11111

Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5



TPU, UL, halogenfree, black, Li9Y11Y

3		50 V AC / 60 V DC	3	2	0,25	SAL-8-RKS3-2 / K1	42-10068
				3		SAL-8-RKS3-3 / K1	42-10069
				5		SAL-8-RKS3-5 / K1	42-10070
				10		SAL-8-RKS3-10 / K1	42-10071
4		50 V AC / 60 V DC	3	2	0,25	SAL-8-RKS4-2 / K1	42-10100
				3		SAL-8-RKS4-3 / K1	42-10101
				5		SAL-8-RKS4-5 / K1	42-10102
				10		SAL-8-RKS4-10 / K1	42-10103
5	B	30	3	2	0,25	SAL-8B-RKS5.1-2 / K1	42-11100
				3		SAL-8B-RKS5.1-3 / K1	42-11101
				5		SAL-8B-RKS5.1-5 / K1	42-11102
				10		SAL-8B-RKS5.1-10 / K1	42-11103

Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5



M8x1 CONNECTORS OVERMOULDED

Snap-in, wire cross section 0.5 mm²

Female connector axial

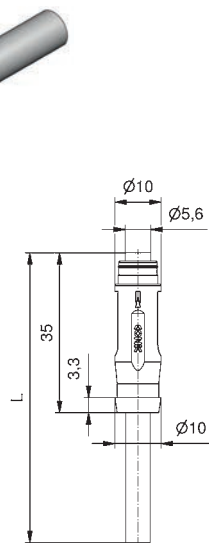
PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	5	2	0,5	SAL-8-RKS3-2 / A1 / 05	42-13043
				3		SAL-8-RKS3-3 / A1 / 05	42-13044
				5		SAL-8-RKS3-5 / A1 / 05	42-13045
				10		SAL-8-RKS3-10 / A1 / 05	42-13046
4		50 V AC / 60 V DC	5	2	0,5	SAL-8-RKS4-2 / A1 / 05	42-13051
				3		SAL-8-RKS4-3 / A1 / 05	42-13052
				5		SAL-8-RKS4-5 / A1 / 05	42-13053
				10		SAL-8-RKS4-10 / A1 / 05	42-13054

Pin 1 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
Pin 3 
Pin 4 

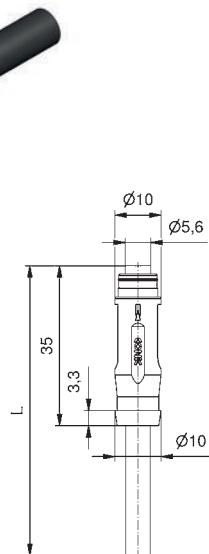


TPU, UL, halogenfree, black, Li9Y11Y

3		50 V AC / 60 V DC	5	2	0,5	SAL-8-RKS3-2 / K1 / 05	42-13047
				3		SAL-8-RKS3-3 / K1 / 05	42-13048
				5		SAL-8-RKS3-5 / K1 / 05	42-13049
				10		SAL-8-RKS3-10 / K1 / 05	42-13050
4		50 V AC / 60 V DC	5	2	0,5	SAL-8-RKS4-2 / K1 / 05	42-13055
				3		SAL-8-RKS4-3 / K1 / 05	42-13056
				5		SAL-8-RKS4-5 / K1 / 05	42-13057
				10		SAL-8-RKS4-10 / K1 / 05	42-13058

Pin 1 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
Pin 3 
Pin 4 

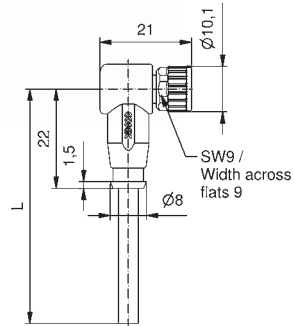
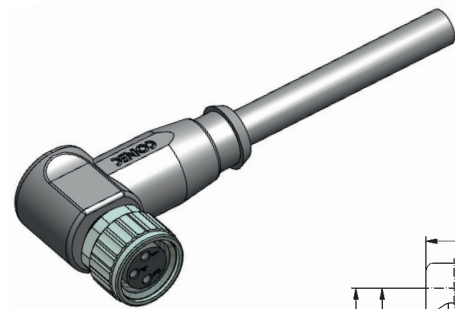


M8x1 CONNECTORS OVERMOULDED Screwable

Female connector angled

PVC, grey, LiYY

Contact assignment



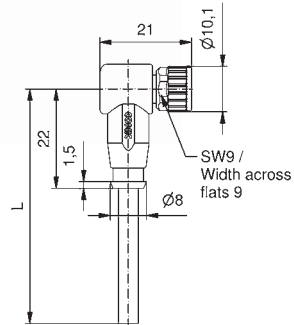
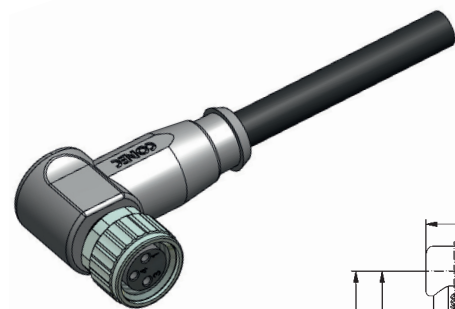
Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	2	0,25	SAL-8-RKW3-2 / A1	42-10016
				3		SAL-8-RKW3-3 / A1	42-10017
				5		SAL-8-RKW3-5 / A1	42-10018
				10		SAL-8-RKW3-10 / A1	42-10019
4		50 V AC / 60 V DC	3	2	0,25	SAL-8-RKW4-2 / A1	42-10048
				3		SAL-8-RKW4-3 / A1	42-10049
				5		SAL-8-RKW4-5 / A1	42-10050
				10		SAL-8-RKW4-10 / A1	42-10051
5	B	30	3	2	0,25	SAL-8B-RKW5.1-2 / A1	42-11751
				3		SAL-8B-RKW5.1-3 / A1	42-11752
				5		SAL-8B-RKW5.1-5 / A1	42-11753
				10		SAL-8B-RKW5.1-10 / A1	42-11754

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

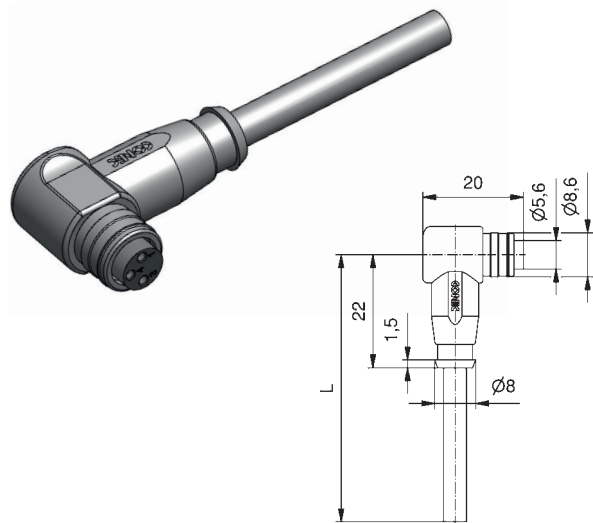
3		50 V AC / 60 V DC	3	2	0,25	SAL-8-RKW3-2 / K1	42-10020
				3		SAL-8-RKW3-3 / K1	42-10021
				5		SAL-8-RKW3-5 / K1	42-10022
				10		SAL-8-RKW3-10 / K1	42-10023
4		50 V AC / 60 V DC	3	2	0,25	SAL-8-RKW4-2 / K1	42-10052
				3		SAL-8-RKW4-3 / K1	42-10053
				5		SAL-8-RKW4-5 / K1	42-10054
				10		SAL-8-RKW4-10 / K1	42-10055
5	B	30	3	2	0,25	SAL-8B-RKW5.1-2 / K1	42-11748
				3		SAL-8B-RKW5.1-3 / K1	42-11749
				5		SAL-8B-RKW5.1-5 / K1	42-11656
				10		SAL-8B-RKW5.1-10 / K1	42-11750

M8x1 CONNECTORS OVERMOULDED Snap-in

Female connector angled

PVC, grey, LiYY

Contact assignment

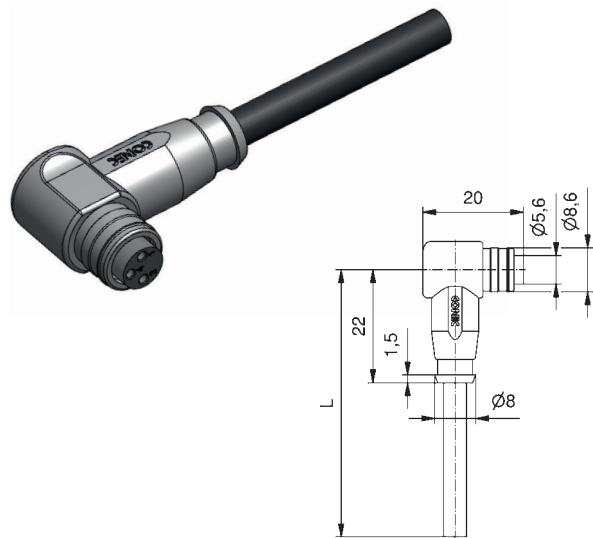


Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	0,25		SAL-8-RKWS3-2 / A1	42-10080
						SAL-8-RKWS3-3 / A1	42-10081
						SAL-8-RKWS3-5 / A1	42-10082
						SAL-8-RKWS3-10 / A1	42-10083
4		50 V AC / 60 V DC	3	0,25		SAL-8-RKWS4-2 / A1	42-10112
						SAL-8-RKWS4-3 / A1	42-10113
						SAL-8-RKWS4-5 / A1	42-10114
						SAL-8-RKWS4-10 / A1	42-10115

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

3		50 V AC / 60 V DC	3	0,25		SAL-8-RKWS3-2 / K1	42-10084
						SAL-8-RKWS3-3 / K1	42-10085
						SAL-8-RKWS3-5 / K1	42-10086
						SAL-8-RKWS3-10 / K1	42-10087
4		50 V AC / 60 V DC	3	0,25		SAL-8-RKWS4-2 / K1	42-10116
						SAL-8-RKWS4-3 / K1	42-10117
						SAL-8-RKWS4-5 / K1	42-10118
						SAL-8-RKWS4-10 / K1	42-10119

M8x1 CONNECTORS OVERMOULDED

Screwable, angled with LED

Female connector angled
with 2 LED

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	30	3	0,25	2	0,25	SAL-8-RKW3-2L-2 / A1	42-10452
				3		SAL-8-RKW3-2L-3 / A1	42-10453
				5		SAL-8-RKW3-2L-5 / A1	42-10454
				10		SAL-8-RKW3-2L-10 / A1	42-10455

TPU, UL, halogenfree, black, Li9Y11Y

3	30	3	0,25	2	0,25	SAL-8-RKW3-2L-2 / K1	42-10456
				3		SAL-8-RKW3-2L-3 / K1	42-10457
				5		SAL-8-RKW3-2L-5 / K1	42-10458
				10		SAL-8-RKW3-2L-10 / K1	42-10459

Female connector angled
with 3 LED

PVC, grey, LiYY

Contact assignment

4	30	3	0,25	2	0,25	SAL-8-RKW4-3L-2 / A1	42-10460
				3		SAL-8-RKW4-3L-3 / A1	42-10461
				5		SAL-8-RKW4-3L-5 / A1	42-10462
				10		SAL-8-RKW4-3L-10 / A1	42-10463

TPU, UL, halogenfree, black, Li9Y11Y

4	30	3	0,25	2	0,25	SAL-8-RKW4-3L-2 / K1	42-10464
				3		SAL-8-RKW4-3L-3 / K1	42-10465
				5		SAL-8-RKW4-3L-5 / K1	42-10466
				10		SAL-8-RKW4-3L-10 / K1	42-10467

M8x1 CONNECTORS OVERMOULDED Screwable

Male connector axial

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	2	0,25	SAL-8-RS3-2 / A1	42-10008
				3		SAL-8-RS3-3 / A1	42-10009
				5		SAL-8-RS3-5 / A1	42-10010
				10		SAL-8-RS3-10 / A1	42-10011
4		50 V AC / 60 V DC	3	2	0,25	SAL-8-RS4-2 / A1	42-10040
				3		SAL-8-RS4-3 / A1	42-10041
				5		SAL-8-RS4-5 / A1	42-10042
				10		SAL-8-RS4-10 / A1	42-10043
5	B	30	3	2	0,25	SAL-8B-RS5.1-2 / A1	42-11120
				3		SAL-8B-RS5.1-3 / A1	42-11121
				5		SAL-8B-RS5.1-5 / A1	42-11122
				10		SAL-8B-RS5.1-10 / A1	42-11123
8	A	30	1,5	2	0,14	SAL-8-RS8-2 / A1	42-11230
				3		SAL-8-RS8-3 / A1	42-11231
				5		SAL-8-RS8-5 / A1	42-11232
				10		SAL-8-RS8-10 / A1	42-11233

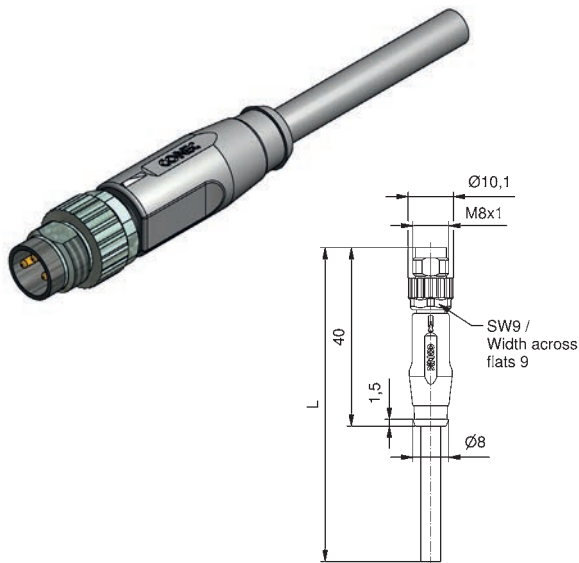
Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8



TPU, UL, halogenfree, black, Li9Y11Y

3		50 V AC / 60 V DC	3	2	0,25	SAL-8-RS3-2 / K1	42-10012
				3		SAL-8-RS3-3 / K1	42-10013
				5		SAL-8-RS3-5 / K1	42-10014
				10		SAL-8-RS3-10 / K1	42-10015
4		50 V AC / 60 V DC	3	2	0,25	SAL-8-RS4-2 / K1	42-10044
				3		SAL-8-RS4-3 / K1	42-10045
				5		SAL-8-RS4-5 / K1	42-10046
				10		SAL-8-RS4-10 / K1	42-10047
5	B	30	3	2	0,25	SAL-8B-RS5.1-2 / K1	42-11112
				3		SAL-8B-RS5.1-3 / K1	42-11113
				5		SAL-8B-RS5.1-5 / K1	42-11114
				10		SAL-8B-RS5.1-10 / K1	42-11115
5	B	30	3x1,5 2x3	2	3x0,14 2x0,34	SAL-8B-RS5.1-2 / H5	42-13035
				3		SAL-8B-RS5.1-3 / H5	42-13036
				5		SAL-8B-RS5.1-5 / H5	42-13037
				10		SAL-8B-RS5.1-10 / H5	42-13038
8	A	30	1,5	2	0,14	SAL-8-RS8-2 / K1	42-11179
				3		SAL-8-RS8-3 / K1	42-11180
				5		SAL-8-RS8-5 / K1	42-11181
				10		SAL-8-RS8-10 / K1	42-11182

Pin 1
Pin 3
Pin 4

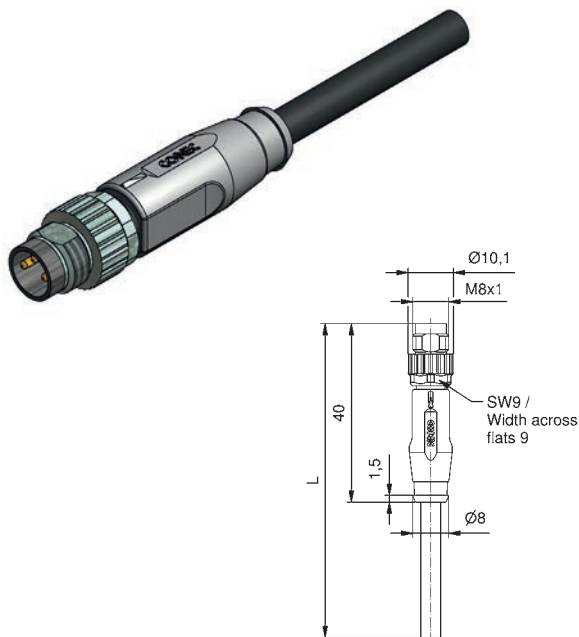
Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8



M8x1 CONNECTORS OVERMOULDED Screwable, wire cross section 0.5 mm²

Male connector axial

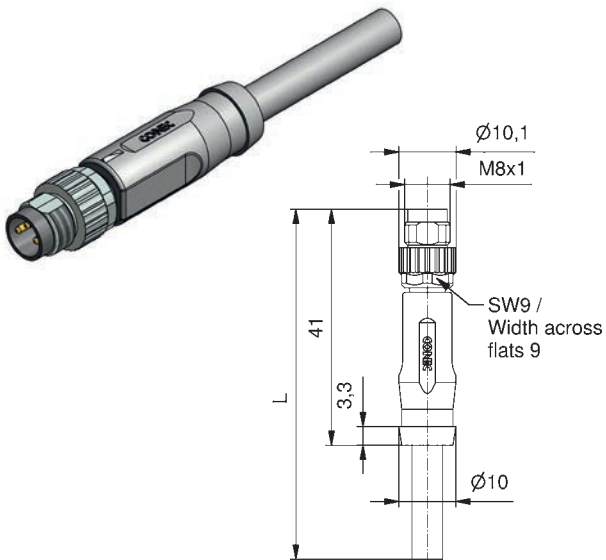
PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	50 V AC / 60 V DC	5	2	0,5		SAL-8-RS3-2 / A1 / 05	42-12234
			3			SAL-8-RS3-3 / A1 / 05	42-12235
			5			SAL-8-RS3-5 / A1 / 05	42-12236
			10			SAL-8-RS3-10 / A1 / 05	42-12237
4	50 V AC / 60 V DC	5	2	0,5		SAL-8-RS4-2 / A1 / 05	42-12274
			3			SAL-8-RS4-3 / A1 / 05	42-12275
			5			SAL-8-RS4-5 / A1 / 05	42-12276
			10			SAL-8-RS4-10 / A1 / 05	42-12277

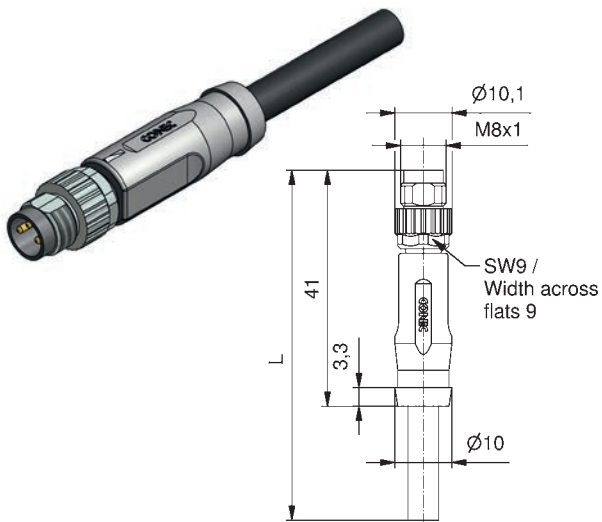
TPU, UL, halogenfree, black, Li9Y11Y

3	50 V AC / 60 V DC	5	2	0,5		SAL-8-RS3-2 / K1 / 05	42-12238
			3			SAL-8-RS3-3 / K1 / 05	42-12239
			5			SAL-8-RS3-5 / K1 / 05	42-12240
			10			SAL-8-RS3-10 / K1 / 05	42-12241
4	50 V AC / 60 V DC	5	2	0,5		SAL-8-RS4-2 / K1 / 05	42-12278
			3			SAL-8-RS4-3 / K1 / 05	42-12279
			5			SAL-8-RS4-5 / K1 / 05	42-12280
			10			SAL-8-RS4-10 / K1 / 05	42-12281



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

M8x1 CONNECTORS OVERMOULDED Snap-in

Male connector axial

PVC, grey, LiYY

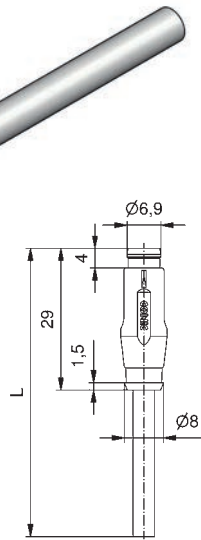
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	0,25	2	SAL-8-RSS3-2/A1	42-10532
					3	SAL-8-RSS3-3/A1	42-10746
					5	SAL-8-RSS3-5/A1	42-10747
					10	SAL-8-RSS3-10/A1	42-10748
4		50 V AC / 60 V DC	3	0,25	2	SAL-8-RSS4-2/A1	42-10531
					3	SAL-8-RSS4-3/A1	42-10749
					5	SAL-8-RSS4-5/A1	42-10750
					10	SAL-8-RSS4-10/A1	42-10751
5	B	30	3	0,25	2	SAL-8B-RSS5.1-2/A1	42-11124
					3	SAL-8B-RSS5.1-3/A1	42-11125
					5	SAL-8B-RSS5.1-5/A1	42-11126
					10	SAL-8B-RSS5.1-10/A1	42-11127

Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5



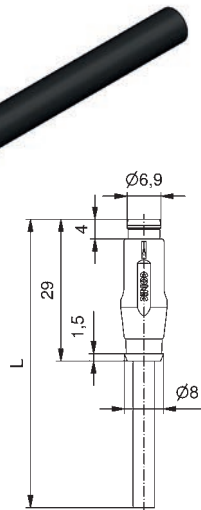
TPU, UL, halogenfree, black, Li9Y11Y

3		50 V AC / 60 V DC	3	0,25	2	SAL-8-RSS3-2/K1	42-10760
					3	SAL-8-RSS3-3/K1	42-10761
					5	SAL-8-RSS3-5/K1	42-10762
					10	SAL-8-RSS3-10/K1	42-10763
4		50 V AC / 60 V DC	3	0,25	2	SAL-8-RSS4-2/K1	42-10764
					3	SAL-8-RSS4-3/K1	42-10765
					5	SAL-8-RSS4-5/K1	42-10766
					10	SAL-8-RSS4-10/K1	42-10767
5	B	30	3	0,25	2	SAL-8B-RSS5.1-2/K1	42-11116
					3	SAL-8B-RSS5.1-3/K1	42-11117
					5	SAL-8B-RSS5.1-5/K1	42-11118
					10	SAL-8B-RSS5.1-10/K1	42-11119

Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5



M8x1 CONNECTORS OVERMOULDED
Snap-in, wire cross section 0.5 mm²

Male connector axial

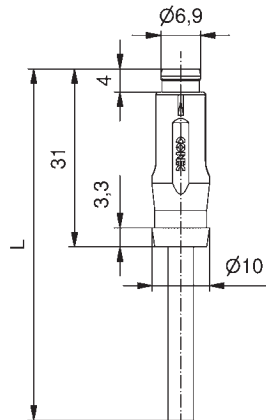
PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	5	2	0,5	SAL-8-RSS3-2 / A1 / 05	42-13059
				3		SAL-8-RSS3-3 / A1 / 05	42-13060
				5		SAL-8-RSS3-5 / A1 / 05	42-13061
				10		SAL-8-RSS3-10 / A1 / 05	42-13062
4		50 V AC / 60 V DC	5	2	0,5	SAL-8-RSS4-2 / A1 / 05	42-13067
				3		SAL-8-RSS4-3 / A1 / 05	42-13068
				5		SAL-8-RSS4-5 / A1 / 05	42-13069
				10		SAL-8-RSS4-10 / A1 / 05	42-13070

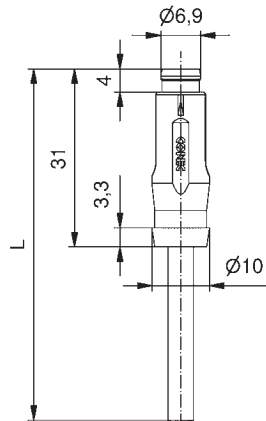
TPU, UL, halogenfree, black, Li9Y11Y

3		50 V AC / 60 V DC	5	2	0,5	SAL-8-RSS3-2 / K1 / 05	42-13063
				3		SAL-8-RSS3-3 / K1 / 05	42-13064
				5		SAL-8-RSS3-5 / K1 / 05	42-13065
				10		SAL-8-RSS3-10 / K1 / 05	42-13066
4		50 V AC / 60 V DC	5	2	0,5	SAL-8-RSS4-2 / K1 / 05	42-13071
				3		SAL-8-RSS4-3 / K1 / 05	42-13072
				5		SAL-8-RSS4-5 / K1 / 05	42-13073
				10		SAL-8-RSS4-10 / K1 / 05	42-13074



Pin 1 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
Pin 3 
Pin 4 



Pin 1 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
Pin 3 
Pin 4 

M8x1 CONNECTORS OVERMOULDED

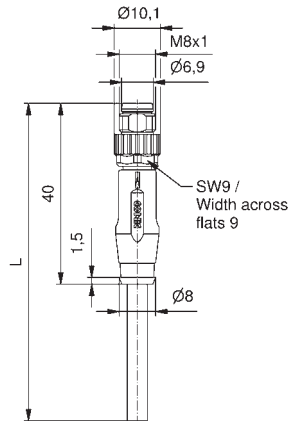
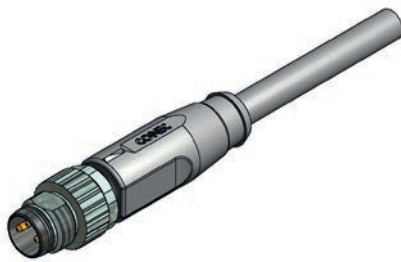
Screwable/snap-in

Male connector axial

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	50 V AC / 60 V DC	3	0,25	2	0,25	SAL-8-RSU3-2 / A1	42-10072
				3		SAL-8-RSU3-3 / A1	42-10073
				5		SAL-8-RSU3-5 / A1	42-10074
				10		SAL-8-RSU3-10 / A1	42-10075
4	50 V AC / 60 V DC	3	0,25	2	0,25	SAL-8-RSU4-2 / A1	42-10104
				3		SAL-8-RSU4-3 / A1	42-10105
				5		SAL-8-RSU4-5 / A1	42-10106
				10		SAL-8-RSU4-10 / A1	42-10107

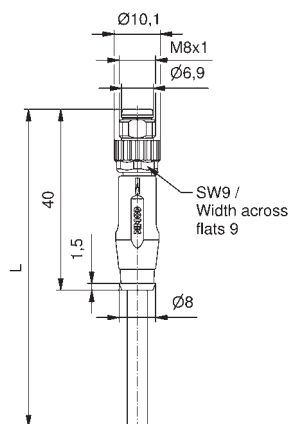


Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

TPU, UL, halogenfree, black, Li9Y11Y

3	50 V AC / 60 V DC	3	0,25	2	0,25	SAL-8-RSU3-2 / K1	42-10076
				3		SAL-8-RSU3-3 / K1	42-10077
				5		SAL-8-RSU3-5 / K1	42-10078
				10		SAL-8-RSU3-10 / K1	42-10079
4	50 V AC / 60 V DC	3	0,25	2	0,25	SAL-8-RSU4-2 / K1	42-10108
				3		SAL-8-RSU4-3 / K1	42-10109
				5		SAL-8-RSU4-5 / K1	42-10110
				10		SAL-8-RSU4-10 / K1	42-10111



Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

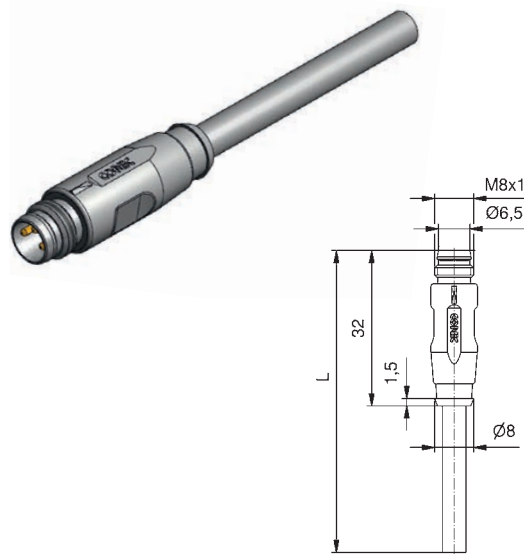
M8x1 CONNECTORS OVERMOULDED

Screwable/snap-in , thread fixed

Male connector axial

PVC, grey, LiYY

Contact assignment



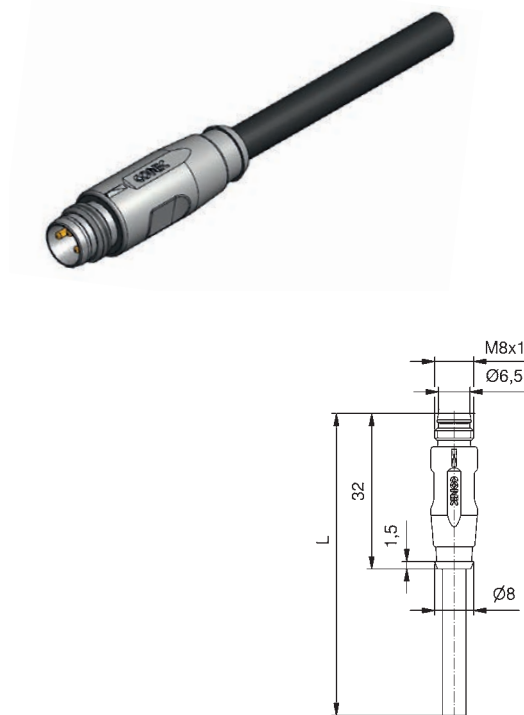
Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	0,5	0,25	SAL-8-RSFU3-0,5 / A1	42-11187
						SAL-8-RSFU3-1 / A1	42-11188
						SAL-8-RSFU3-2 / A1	42-11189
						SAL-8-RSFU3-3 / A1	42-11190
4		50 V AC / 60 V DC	3	0,5	0,25	SAL-8-RSFU4-0,5 / A1	42-11195
						SAL-8-RSFU4-1 / A1	42-11196
						SAL-8-RSFU4-2 / A1	42-11197
						SAL-8-RSFU4-3 / A1	42-11198
5	B	30	3	0,5	0,25	SAL-8B-RSFU5.1-0,5 / A1	42-12173
						SAL-8B-RSFU5.1-1 / A1	42-12174
						SAL-8B-RSFU5.1-2 / A1	42-12175
						SAL-8B-RSFU5.1-3 / A1	42-12176

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

3		50 V AC / 60 V DC	3	0,5	0,25	SAL-8-RSFU3-0,5 / K1	42-11191
						SAL-8-RSFU3-1 / K1	42-11192
						SAL-8-RSFU3-2 / K1	42-11193
						SAL-8-RSFU3-3 / K1	42-11194
4		50 V AC / 60 V DC	3	0,5	0,25	SAL-8-RSFU4-0,5 / K1	42-11199
						SAL-8-RSFU4-1 / K1	42-11200
						SAL-8-RSFU4-2 / K1	42-11201
						SAL-8-RSFU4-3 / K1	42-11202
5	B	30	3	0,5	0,25	SAL-8B-RSFU5.1-0,5 / K1	42-12177
						SAL-8B-RSFU5.1-1 / K1	42-12178
						SAL-8B-RSFU5.1-2 / K1	42-12179
						SAL-8B-RSFU5.1-3 / K1	42-12180
5	B	30	3x1,5 2x3	0,5	3x0,14 2x0,34	SAL-8B-RSFU5.1-0,5 / H5	42-12181
						SAL-8B-RSFU5.1-1 / H5	42-12182
						SAL-8B-RSFU5.1-2 / H5	42-12183
						SAL-8B-RSFU5.1-3 / H5	42-12184

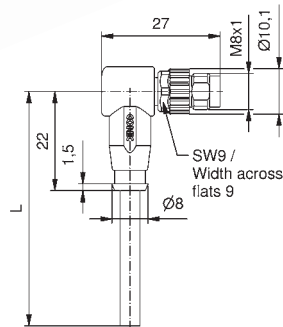
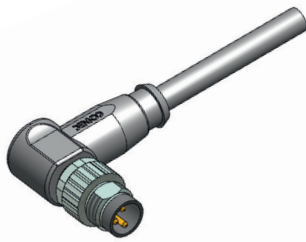
M8x1 CONNECTORS OVERMOULDED Screwable

Male connector angled

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	0,25		SAL-8-RSW3-2 / A1	42-10024
						SAL-8-RSW3-3 / A1	42-10025
						SAL-8-RSW3-5 / A1	42-10026
						SAL-8-RSW3-10 / A1	42-10027
4		50 V AC / 60 V DC	3	0,25		SAL-8-RSW4-2 / A1	42-10056
						SAL-8-RSW4-3 / A1	42-10057
						SAL-8-RSW4-5 / A1	42-10058
						SAL-8-RSW4-10 / A1	42-10059

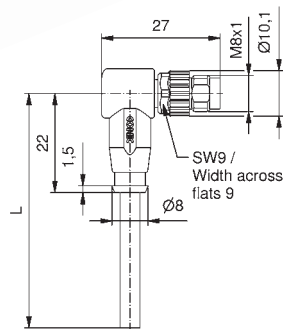


Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

TPU, UL, halogenfree, black, Li9Y11Y

3		50 V AC / 60 V DC	3	0,25		SAL-8-RSW3-2 / K1	42-10028
						SAL-8-RSW3-3 / K1	42-10029
						SAL-8-RSW3-5 / K1	42-10030
						SAL-8-RSW3-10 / K1	42-10031
4		50 V AC / 60 V DC	3	0,25		SAL-8-RSW4-2 / K1	42-10060
						SAL-8-RSW4-3 / K1	42-10061
						SAL-8-RSW4-5 / K1	42-10062
						SAL-8-RSW4-10 / K1	42-10063



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

M8x1 CONNECTORS OVERMOULDED

Screwable/snap-in

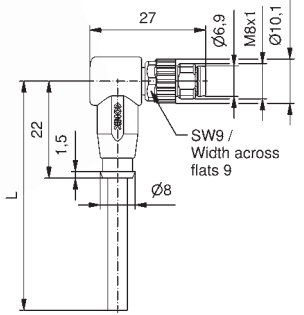
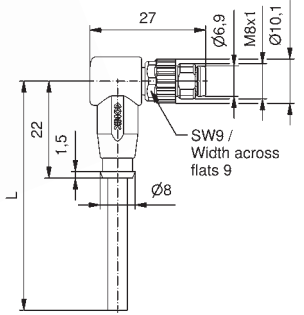
Male connector angled

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	50 V AC / 60 V DC	3	2	0,25	2	SAL-8-RSWU3-2/A1	42-10088
			3			SAL-8-RSWU3-3/A1	42-10089
			5			SAL-8-RSWU3-5/A1	42-10090
			10			SAL-8-RSWU3-10/A1	42-10091
4	50 V AC / 60 V DC	3	2	0,25	2	SAL-8-RSWU4-2/A1	42-10120
			3			SAL-8-RSWU4-3/A1	42-10121
			5			SAL-8-RSWU4-5/A1	42-10122
			10			SAL-8-RSWU4-10/A1	42-10123

TPU, UL, halogenfree, black, Li9Y11Y

  Pin 1 ■ Pin 3 ■ Pin 4 ■	3	50 V AC / 60 V DC	3	0,25	2	SAL-8-RSWU3-2/K1	42-10092
						SAL-8-RSWU3-3/K1	42-10093
						SAL-8-RSWU3-5/K1	42-10094
						SAL-8-RSWU3-10/K1	42-10095
  Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■	4	50 V AC / 60 V DC	3	0,25	2	SAL-8-RSWU4-2/K1	42-10124
						SAL-8-RSWU4-3/K1	42-10125
						SAL-8-RSWU4-5/K1	42-10126
						SAL-8-RSWU4-10/K1	42-10127

M8x1 CONNECTORS OVERMOULDED

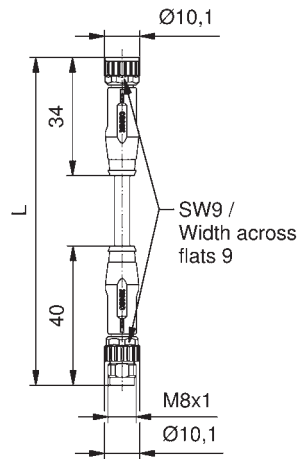
Connecting cable

Female connector axial, screwable
Male connector axial, screwable

PVC, grey, LiYY

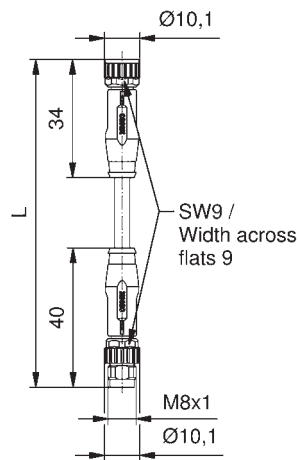
Contact assignment

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
 Pin 1  Pin 3  Pin 4 	3		50 V AC / 60 V DC	3	0,25	0,3	SAL-8-RK3-RS3-0,3/A1	42-10141
							SAL-8-RK3-RS3-0,6/A1	42-10142
							SAL-8-RK3-RS3-1,5/A1	42-10143
							SAL-8-RK3-RS3-3/A1	42-10144
 Pin 1  Pin 2  Pin 3  Pin 4 	4		50 V AC / 60 V DC	3	0,25	0,3	SAL-8-RK4-RS4-0,3/A1	42-10157
							SAL-8-RK4-RS4-0,6/A1	42-10158
							SAL-8-RK4-RS4-1,5/A1	42-10159
							SAL-8-RK4-RS4-3/A1	42-10160
 Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	B	30	3	0,25	0,3	SAL-8B-RK5.1-RS5.1-0,3/A1	42-11141
							SAL-8B-RK5.1-RS5.1-0,6/A1	42-11142
							SAL-8B-RK5.1-RS5.1-1,5/A1	42-11143
							SAL-8B-RK5.1-RS5.1-3/A1	42-11144
 Pin 1  Pin 2  Pin 3  Pin 4  Pin 5  Pin 6  Pin 7  Pin 8 	8	A	30	1,5	0,14	0,3	SAL-8-RK8-RS8-0,3/A1	42-11234
							SAL-8-RK8-RS8-0,6/A1	42-11235
							SAL-8-RK8-RS8-1,5/A1	42-11236
							SAL-8-RK8-RS8-3/A1	42-11237



TPU, UL, halogenfree, black, Li9Y11Y

 Pin 1  Pin 3  Pin 4 	3		50 V AC / 60 V DC	3	0,25	0,3	SAL-8-RK3-RS3-0,3/K1	42-10145
							SAL-8-RK3-RS3-0,6/K1	42-10146
							SAL-8-RK3-RS3-1,5/K1	42-10147
							SAL-8-RK3-RS3-3/K1	42-10148
 Pin 1  Pin 2  Pin 3  Pin 4 	4		50 V AC / 60 V DC	3	0,25	0,3	SAL-8-RK4-RS4-0,3/K1	42-10161
							SAL-8-RK4-RS4-0,6/K1	42-10162
							SAL-8-RK4-RS4-1,5/K1	42-10163
							SAL-8-RK4-RS4-3/K1	42-10164
 Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	B	30	3	0,25	0,3	SAL-8B-RK5.1-RS5.1-0,3/K1	42-11128
							SAL-8B-RK5.1-RS5.1-0,6/K1	42-11129
							SAL-8B-RK5.1-RS5.1-1,5/K1	42-11130
							SAL-8B-RK5.1-RS5.1-3/K1	42-11131
 Pin 1  Pin 2  Pin 3  Pin 4  Pin 5  Pin 6  Pin 7  Pin 8 	8	A	30	1,5	0,14	0,3	SAL-8-RK8-RS8-0,3/K1	42-11183
							SAL-8-RK8-RS8-0,6/K1	42-11184
							SAL-8-RK8-RS8-1,5/K1	42-11185
							SAL-8-RK8-RS8-3/K1	42-11186



M8x1 CONNECTORS OVERMOULDED

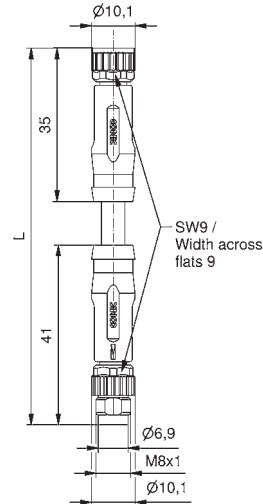
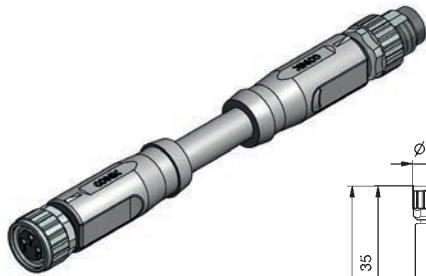
Connecting cable, wire cross section 0.5 mm²

Female connector axial, screwable
Male connector axial, screwable

PVC, grey, LiYY

Contact assignment

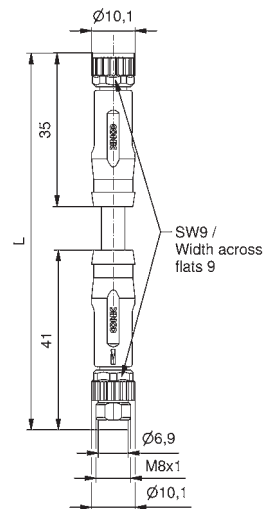
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	5	0,5	0,3	SAL-8-RK3-RS3-0,3 / A1 / 05	42-12242
					0,6	SAL-8-RK3-RS3-0,6 / A1 / 05	42-12243
					1,5	SAL-8-RK3-RS3-1,5 / A1 / 05	42-12244
					3	SAL-8-RK3-RS3-3 / A1 / 05	42-12245
4		50 V AC / 60 V DC	5	0,5	0,3	SAL-8-RK4-RS4-0,3 / A1 / 05	42-12250
					0,6	SAL-8-RK4-RS4-0,6 / A1 / 05	42-12251
					1,5	SAL-8-RK4-RS4-1,5 / A1 / 05	42-12252
					3	SAL-8-RK4-RS4-3 / A1 / 05	42-12253



Pin 1 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1 ■
Pin 3 ■
Pin 4 ■

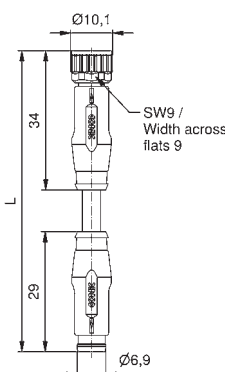
Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

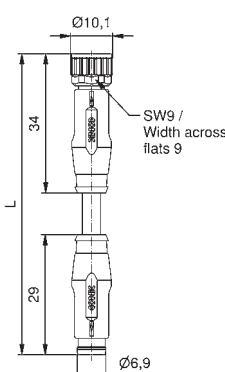
3		50 V AC / 60 V DC	5	0,5	0,3	SAL-8-RK3-RS3-0,3 / K1 / 05	42-12246
					0,6	SAL-8-RK3-RS3-0,6 / K1 / 05	42-12247
					1,5	SAL-8-RK3-RS3-1,5 / K1 / 05	42-12248
					3	SAL-8-RK3-RS3-3 / K1 / 05	42-12249
4		50 V AC / 60 V DC	5	0,5	0,3	SAL-8-RK4-RS4-0,3 / K1 / 05	42-12254
					0,6	SAL-8-RK4-RS4-0,6 / K1 / 05	42-12255
					1,5	SAL-8-RK4-RS4-1,5 / K1 / 05	42-12256
					3	SAL-8-RK4-RS4-3 / K1 / 05	42-12257

M8x1 CONNECTORS OVERMOULDED

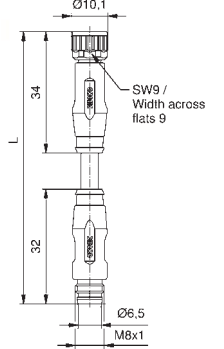
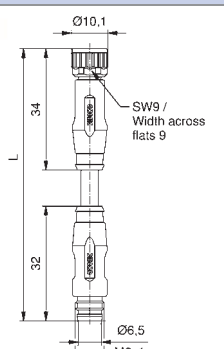
Connecting cable

Female connector axial, screwable
Male connector axial, snap-in

PVC, grey, LiYY		Contact assignment	Num	Cod	Rated	Cur	Cab	Wire	Description	Part No.
		Pin 1  Pin 3  Pin 4 	3		50 V AC / 60 V DC	3	0,3 0,6 1,5 3	0,25	SAL-8-RK3-RSS3-0,3 / A1	42-10827
									SAL-8-RK3-RSS3-0,6 / A1	42-10828
									SAL-8-RK3-RSS3-1,5 / A1	42-10829
									SAL-8-RK3-RSS3-3 / A1	42-10830
		Pin 1  Pin 2  Pin 3  Pin 4 	4		50 V AC / 60 V DC	3	0,3 0,6 1,5 3	0,25	SAL-8-RK4-RSS4-0,3 / A1	42-10835
									SAL-8-RK4-RSS4-0,6 / A1	42-10836
									SAL-8-RK4-RSS4-1,5 / A1	42-10837
									SAL-8-RK4-RSS4-3 / A1	42-10838

TPU, UL, halogenfree, black, Li9Y11Y		Contact assignment	Num	Cod	Rated	Cur	Cab	Wire	Description	Part No.
		Pin 1  Pin 3  Pin 4 	3		50 V AC / 60 V DC	3	0,3 0,6 1,5 3	0,25	SAL-8-RK3-RSS3-0,3 / K1	42-10831
									SAL-8-RK3-RSS3-0,6 / K1	42-10832
									SAL-8-RK3-RSS3-1,5 / K1	42-10833
									SAL-8-RK3-RSS3-3 / K1	42-10834
		Pin 1  Pin 2  Pin 3  Pin 4 	4		50 V AC / 60 V DC	3	0,3 0,6 1,5 3	0,25	SAL-8-RK4-RSS4-0,3 / K1	42-10839
									SAL-8-RK4-RSS4-0,6 / K1	42-10840
									SAL-8-RK4-RSS4-1,5 / K1	42-10841
									SAL-8-RK4-RSS4-3 / K1	42-10842

Female connector axial, screwable
Male connector axial, screwable/snap-in, thread fixed

PVC, grey, LiYY										
 	Pin 1  Pin 3  Pin 4 		3		50 V AC / 60 V DC	3	0,25	0,3	SAL-8-RK3-RSFU3-0,3/A1	42-11203
								0,6	SAL-8-RK3-RSFU3-0,6/A1	42-11204
								1,5	SAL-8-RK3-RSFU3-1,5/A1	42-11205
								3	SAL-8-RK3-RSFU3-3/A1	42-11206
 	Pin 1  Pin 3  Pin 4 		3		50 V AC / 60 V DC	3	0,25	0,3	SAL-8-RK3-RSFU3-0,3/K1	42-11207
								0,6	SAL-8-RK3-RSFU3-0,6/K1	42-11208
								1,5	SAL-8-RK3-RSFU3-1,5/K1	42-11209
								3	SAL-8-RK3-RSFU3-3/K1	42-11210

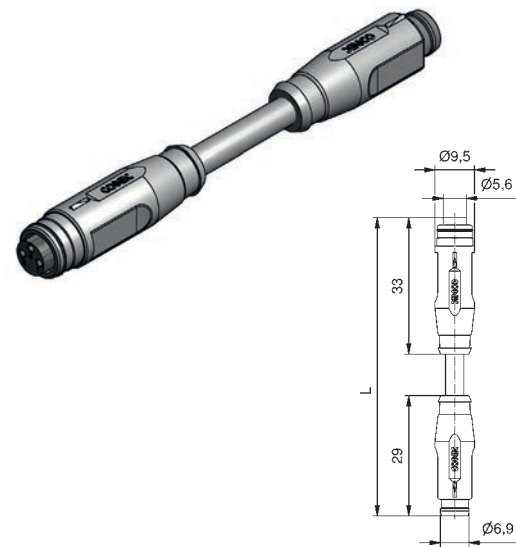
M8x1 CONNECTORS OVERMOULDED

Connecting cable

Female connector axial, snap-in
Male connector axial, snap-in

PVC, grey, LiYY

Contact assignment



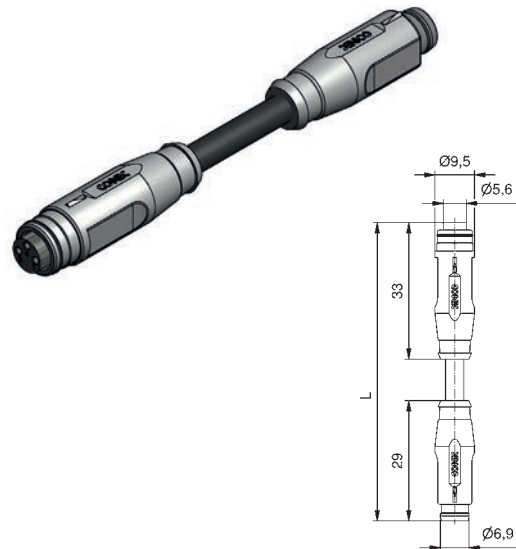
Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKS3-RSS3-0,3 / A1	42-10811
						SAL-8-RKS3-RSS3-0,6 / A1	42-10812
						SAL-8-RKS3-RSS3-1,5 / A1	42-10813
						SAL-8-RKS3-RSS3-3 / A1	42-10814
4		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKS4-RSS4-0,3 / A1	42-10819
						SAL-8-RKS4-RSS4-0,6 / A1	42-10820
						SAL-8-RKS4-RSS4-1,5 / A1	42-10821
						SAL-8-RKS4-RSS4-3 / A1	42-10822
5	B	30	3	0,3	0,25	SAL-8B-RKS5.1-RSS5.1-0,3 / A1	42-11136
						SAL-8B-RKS5.1-RSS5.1-0,6 / A1	42-11137
						SAL-8B-RKS5.1-RSS5.1-1,5 / A1	42-11138
						SAL-8B-RKS5.1-RSS5.1-3 / A1	42-11139

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

3		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKS3-RSS3-0,3 / K1	42-10815
						SAL-8-RKS3-RSS3-0,6 / K1	42-10816
						SAL-8-RKS3-RSS3-1,5 / K1	42-10817
						SAL-8-RKS3-RSS3-3 / K1	42-10818
4		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKS4-RSS4-0,3 / K1	42-10823
						SAL-8-RKS4-RSS4-0,6 / K1	42-10824
						SAL-8-RKS4-RSS4-1,5 / K1	42-10825
						SAL-8-RKS4-RSS4-3 / K1	42-10826
5	B	30	3	0,3	0,25	SAL-8B-RKS5.1-RSS5.1-0,3 / K1	42-11132
						SAL-8B-RKS5.1-RSS5.1-0,6 / K1	42-11133
						SAL-8B-RKS5.1-RSS5.1-1,5 / K1	42-11134
						SAL-8B-RKS5.1-RSS5.1-3 / K1	42-11135

M8x1 CONNECTORS OVERMOULDED

Connecting cable, wire cross section 0.5 mm²

Female connector axial, snap-in
Male connector axial, snap-in

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	5	0,5	0,3	SAL-8-RKS3-RSS3-0,3/A1/05	42-13075
					0,6	SAL-8-RKS3-RSS3-0,6/A1/05	42-13076
					1,5	SAL-8-RKS3-RSS3-1,5/A1/05	42-13077
					3	SAL-8-RKS3-RSS3-3/A1/05	42-13078
4		50 V AC / 60 V DC	5	0,5	0,3	SAL-8-RKS4-RSS4-0,3/A1/05	42-13083
					0,6	SAL-8-RKS4-RSS4-0,6/A1/05	42-13084
					1,5	SAL-8-RKS4-RSS4-1,5/A1/05	42-13085
					3	SAL-8-RKS4-RSS4-3/A1/05	42-13086

TPU, UL, halogenfree, black, Li9Y11Y

3		50 V AC / 60 V DC	5	0,5	0,3	SAL-8-RKS3-RSS3-0,3/K1/05	42-13079
					0,6	SAL-8-RKS3-RSS3-0,6/K1/05	42-13080
					1,5	SAL-8-RKS3-RSS3-1,5/K1/05	42-13081
					3	SAL-8-RKS3-RSS3-3/K1/05	42-13082
4		50 V AC / 60 V DC	5	0,5	0,3	SAL-8-RKS4-RSS4-0,3/K1/05	42-13339
					0,6	SAL-8-RKS4-RSS4-0,6/K1/05	42-13340
					1,5	SAL-8-RKS4-RSS4-1,5/K1/05	42-13341
					3	SAL-8-RKS4-RSS4-3/K1/05	42-13342

M8x1 CONNECTORS OVERMOULDED

Connecting cable

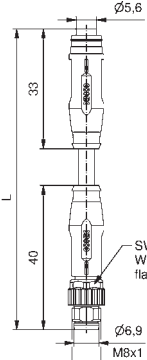
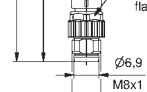
Female connector axial, snap-in
Male connector axial, screwable/snap-in

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKS3-RSU3-0,3/A1	42-10173
						SAL-8-RKS3-RSU3-0,6/A1	42-10174
						SAL-8-RKS3-RSU3-1,5/A1	42-10175
						SAL-8-RKS3-RSU3-3/A1	42-10176
4		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKS4-RSU4-0,3/A1	42-10189
						SAL-8-RKS4-RSU4-0,6/A1	42-10190
						SAL-8-RKS4-RSU4-1,5/A1	42-10191
						SAL-8-RKS4-RSU4-3/A1	42-10192

TPU, UL, halogenfree, black, Li9Y11Y

  Pin 1  Pin 3  Pin 4 	3	50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKS3-RSU3-0,3/K1	42-10177
						SAL-8-RKS3-RSU3-0,6/K1	42-10178
						SAL-8-RKS3-RSU3-1,5/K1	42-10179
						SAL-8-RKS3-RSU3-3/K1	42-10180
  Pin 1  Pin 2  Pin 3  Pin 4 	4	50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKS4-RSU4-0,3/K1	42-10193
						SAL-8-RKS4-RSU4-0,6/K1	42-10194
						SAL-8-RKS4-RSU4-1,5/K1	42-10195
						SAL-8-RKS4-RSU4-3/K1	42-10196

M8x1 CONNECTORS OVERMOULDED

Connecting cable

Female connector angled, screwable
Male connector axial, screwable

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKW3-RS3-0,3/A1	42-10149
						SAL-8-RKW3-RS3-0,6/A1	42-10150
						SAL-8-RKW3-RS3-1,5/A1	42-10151
						SAL-8-RKW3-RS3-3/A1	42-10152
4		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKW4-RS4-0,3/A1	42-10165
						SAL-8-RKW4-RS4-0,6/A1	42-10166
						SAL-8-RKW4-RS4-1,5/A1	42-10167
						SAL-8-RKW4-RS4-3/A1	42-10168

TPU, UL, halogenfree, black, Li9Y11Y

3		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKW3-RS3-0,3/K1	42-10153
						SAL-8-RKW3-RS3-0,6/K1	42-10154
						SAL-8-RKW3-RS3-1,5/K1	42-10155
						SAL-8-RKW3-RS3-3/K1	42-10156
4		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKW4-RS4-0,3/K1	42-10169
						SAL-8-RKW4-RS4-0,6/K1	42-10170
						SAL-8-RKW4-RS4-1,5/K1	42-10171
						SAL-8-RKW4-RS4-3/K1	42-10172

Female connector angled, snap-in
Male connector axial, screwable/snap-in

PVC, grey, LiYY

3		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKWS3-RSU3-0,3/A1	42-10181
						SAL-8-RKWS3-RSU3-0,6/A1	42-10182
						SAL-8-RKWS3-RSU3-1,5/A1	42-10183
						SAL-8-RKWS3-RSU3-3/A1	42-10184
4		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKWS4-RSU4-0,3/A1	42-10197
						SAL-8-RKWS4-RSU4-0,6/A1	42-10198
						SAL-8-RKWS4-RSU4-1,5/A1	42-10199
						SAL-8-RKWS4-RSU4-3/A1	42-10200

TPU, UL, halogenfree, black, Li9Y11Y

3		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKWS3-RSU3-0,3/K1	42-10185
						SAL-8-RKWS3-RSU3-0,6/K1	42-10186
						SAL-8-RKWS3-RSU3-1,5/K1	42-10187
						SAL-8-RKWS3-RSU3-3/K1	42-10188
4		50 V AC / 60 V DC	3	0,3	0,25	SAL-8-RKWS4-RSU4-0,3/K1	42-10201
						SAL-8-RKWS4-RSU4-0,6/K1	42-10202
						SAL-8-RKWS4-RSU4-1,5/K1	42-10203
						SAL-8-RKWS4-RSU4-3/K1	42-10204

M8x1 CONNECTORS OVERMOULDED

Screwable with 360° shielding

Female connector axial

PVC, UL, grey, LiYCY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	60	3	0,25	2	0,25	SAL-8S-RK3-2 / G3	42-10843
				3		SAL-8S-RK3-3 / G3	42-10844
				5		SAL-8S-RK3-5 / G3	42-10845
				10		SAL-8S-RK3-10 / G3	42-10846
4	30	3	0,25	2	0,25	SAL-8S-RK4-2 / G3	42-10851
				3		SAL-8S-RK4-3 / G3	42-10852
				5		SAL-8S-RK4-5 / G3	42-10853
				10		SAL-8S-RK4-10 / G3	42-10854
8	A	30	1,5	2	0,14	SAL-8S-RK8-2 / G3	42-12190
				3		SAL-8S-RK8-3 / G3	42-12191
				5		SAL-8S-RK8-5 / G3	42-12192
				10		SAL-8S-RK8-10 / G3	42-12193

TPU, UL, halogenfree, black, Li9YC11Y

3	60	3	0,25	2	0,25	SAL-8S-RK3-2 / G2	42-10847
				3		SAL-8S-RK3-3 / G2	42-10848
				5		SAL-8S-RK3-5 / G2	42-10849
				10		SAL-8S-RK3-10 / G2	42-10850
4	30	3	0,25	2	0,25	SAL-8S-RK4-2 / G2	42-10855
				3		SAL-8S-RK4-3 / G2	42-10856
				5		SAL-8S-RK4-5 / G2	42-10857
				10		SAL-8S-RK4-10 / G2	42-10858
8	A	30	1,5	2	0,14	SAL-8S-RK8-2 / G2	42-12186
				3		SAL-8S-RK8-3 / G2	42-12187
				5		SAL-8S-RK8-5 / G2	42-12188
				10		SAL-8S-RK8-10 / G2	42-12189

Female connector angled

TPU, UL, halogenfree, black, Li9YC11Y

4	30	3	0,25	2	0,25	SAL-8S-RKW4-2 / G2	42-12351
				3		SAL-8S-RKW4-3 / G2	42-12416
				5		SAL-8S-RKW4-5 / G2	42-12352
				10		SAL-8S-RKW4-10 / G2	42-12353

M8x1 CONNECTORS OVERMOULDED

Screwable with 360° shielding

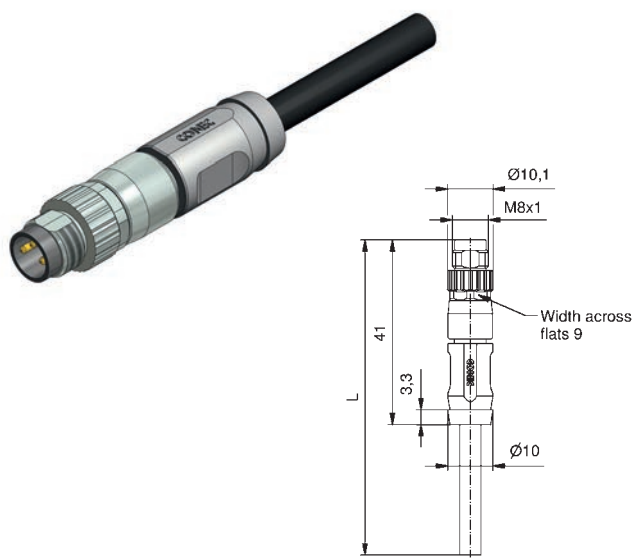
Male connector axial

PVC, UL, grey, LiYCY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	60	3	0,25	2	0,25	SAL-8S-RS3-2 / G3	42-10859
				3		SAL-8S-RS3-3 / G3	42-10860
				5		SAL-8S-RS3-5 / G3	42-10861
				10		SAL-8S-RS3-10 / G3	42-10862
4	30	3	0,25	2	0,25	SAL-8S-RS4-2 / G3	42-10867
				3		SAL-8S-RS4-3 / G3	42-10868
				5		SAL-8S-RS4-5 / G3	42-10869
				10		SAL-8S-RS4-10 / G3	42-10870
8	A	30	1,5	2	0,14	SAL-8S-RS8-2 / G3	42-12198
				3		SAL-8S-RS8-3 / G3	42-12199
				5		SAL-8S-RS8-5 / G3	42-12200
				10		SAL-8S-RS8-10 / G3	42-12201

TPU, UL, halogenfree, black, Li9YC11Y



Pin 1
Pin 3
Pin 4

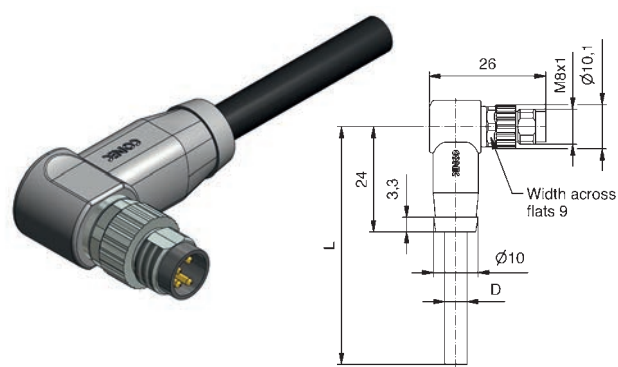
Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6
Pin 7
Pin 8

3	60	3	0,25	2	0,25	SAL-8S-RS3-2 / G2	42-10863
				3		SAL-8S-RS3-3 / G2	42-10864
				5		SAL-8S-RS3-5 / G2	42-10865
				10		SAL-8S-RS3-10 / G2	42-10866
4	30	3	0,25	2	0,25	SAL-8S-RS4-2 / G2	42-10871
				3		SAL-8S-RS4-3 / G2	42-10872
				5		SAL-8S-RS4-5 / G2	42-10873
				10		SAL-8S-RS4-10 / G2	42-10874
8	A	30	1,5	2	0,14	SAL-8S-RS8-2 / G2	42-12194
				3		SAL-8S-RS8-3 / G2	42-12195
				5		SAL-8S-RS8-5 / G2	42-12196
				10		SAL-8S-RS8-10 / G2	42-12197

Male connector angled

TPU, UL, halogenfree, black, Li9YC11Y



Pin 1
Pin 2
Pin 3
Pin 4

4	30	3	0,25	2	0,25	SAL-8S-RSW4-2 / G2	42-12417
				3		SAL-8S-RSW4-3 / G2	42-12418
				5		SAL-8S-RSW4-5 / G2	42-12419
				10		SAL-8S-RSW4-10 / G2	42-12420

M8x1 CONNECTORS OVERMOULDED

Connecting cable with 360° shielding

Female connector axial, screwable
Male connector axial, screwable

PVC, UL, grey, LiYCY

Contact Assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	60	3	0,3	0,25	0,3	SAL-8S-RK3-RS3-0,3 / G3	42-10875
						SAL-8S-RK3-RS3-0,6 / G3	42-10876
						SAL-8S-RK3-RS3-1,5 / G3	42-10877
						SAL-8S-RK3-RS3-3 / G3	42-10878
4	30	3	0,3	0,25	0,3	SAL-8S-RK4-RS4-0,3 / G3	42-10883
						SAL-8S-RK4-RS4-0,6 / G3	42-10884
						SAL-8S-RK4-RS4-1,5 / G3	42-10885
						SAL-8S-RK4-RS4-3 / G3	42-10886
8	A	30	1,5	0,14	0,14	SAL-8S-RK8-RS8-0,3 / G3	42-12206
						SAL-8S-RK8-RS8-0,6 / G3	42-12207
						SAL-8S-RK8-RS8-1,5 / G3	42-12208
						SAL-8S-RK8-RS8-3 / G3	42-12209

TPU, UL, halogenfree, black, Li9YC11Y

3	60	3	0,3	0,25	0,3	SAL-8S-RK3-RS3-0,3 / G2	42-10879
						SAL-8S-RK3-RS3-0,6 / G2	42-10880
						SAL-8S-RK3-RS3-1,5 / G2	42-10881
						SAL-8S-RK3-RS3-3 / G2	42-10882
4	30	3	0,3	0,25	0,3	SAL-8S-RK4-RS4-0,3 / G2	42-10887
						SAL-8S-RK4-RS4-0,6 / G2	42-10888
						SAL-8S-RK4-RS4-1,5 / G2	42-10889
						SAL-8S-RK4-RS4-3 / G2	42-10890
8	A	30	1,5	0,14	0,14	SAL-8S-RK8-RS8-0,3 / G2	42-12202
						SAL-8S-RK8-RS8-0,6 / G2	42-12203
						SAL-8S-RK8-RS8-1,5 / G2	42-12204
						SAL-8S-RK8-RS8-3 / G2	42-12205

Female connector angled, screwable
Male connector angled, screwable

TPU, UL, halogenfree, black, Li9YC11Y

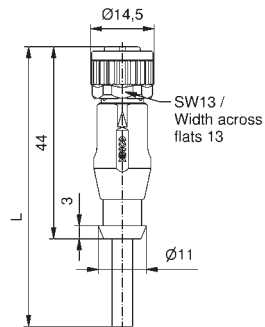
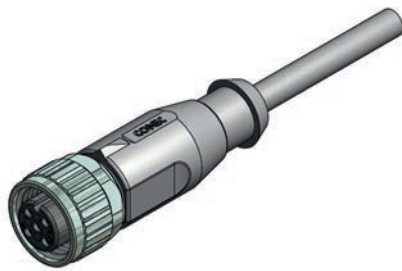
4	30	3	0,3	0,25	0,3	SAL-8S-RKW4-RSW4-0,3 / G2	42-12412
						SAL-8S-RKW4-RSW4-0,6 / G2	42-12413
						SAL-8S-RKW4-RSW4-1,5 / G2	42-12414
						SAL-8S-RKW4-RSW4-3 / G2	42-12415

M12x1 CONNECTORS OVERMOULDED

Female connector axial

PVC, grey, LiYY

Contact assignment



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3

Pin 4
Pin 6
Pin 7

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6

Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

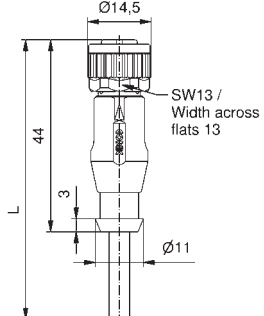
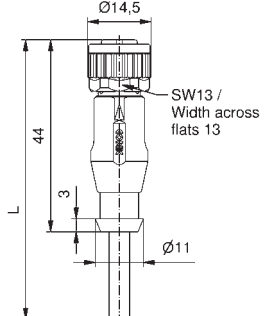
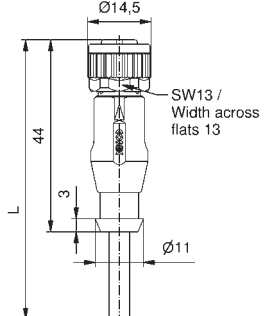
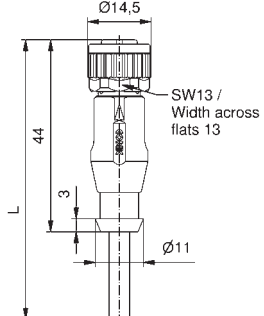
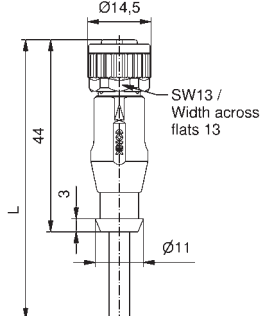
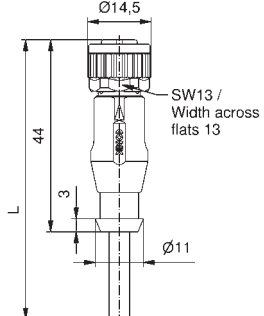
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	2	0,34	SAL-12-RK3-2/A1	43-10000
				3		SAL-12-RK3-3/A1	43-10001
				5		SAL-12-RK3-5/A1	43-10002
				10		SAL-12-RK3-10/A1	43-10003
4	A	250	4	2	0,34	SAL-12-RK4-2/A1	43-10020
				3		SAL-12-RK4-3/A1	43-10021
				5		SAL-12-RK4-5/A1	43-10022
				10		SAL-12-RK4-10/A1	43-10023
5	A	60	4	2	0,34	SAL-12-RK5-2/A1	43-10040
				3		SAL-12-RK5-3/A1	43-10041
				5		SAL-12-RK5-5/A1	43-10042
				10		SAL-12-RK5-10/A1	43-10043
6	A	30	2	2	0,25	SAL-12-RK6-2/A1	43-10060
				3		SAL-12-RK6-3/A1	43-10061
				5		SAL-12-RK6-5/A1	43-10062
				10		SAL-12-RK6-10/A1	43-10063
8	A	30	2	2	0,25	SAL-12-RK8-2/A1	43-10072
				3		SAL-12-RK8-3/A1	43-10073
				5		SAL-12-RK8-5/A1	43-10074
				10		SAL-12-RK8-10/A1	43-10075
12	A	30	1,5	2	0,14	SAL-12-RK12-2/A3	43-11264
				3		SAL-12-RK12-3/A3	43-11265
				5		SAL-12-RK12-5/A3	43-11266
				10		SAL-12-RK12-10/A3	43-11267

M12x1 CONNECTORS OVERMOULDED

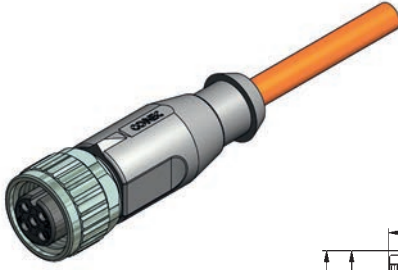
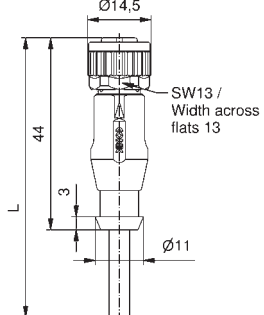
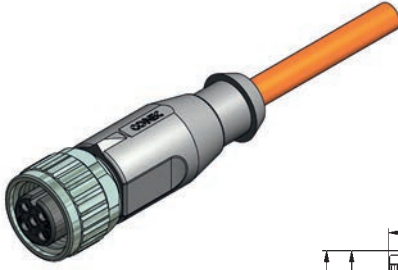
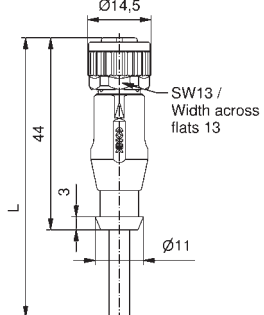
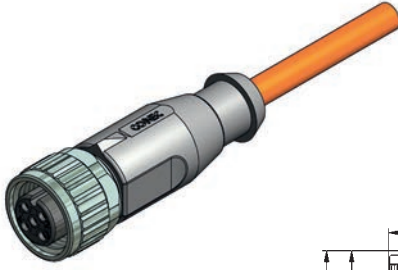
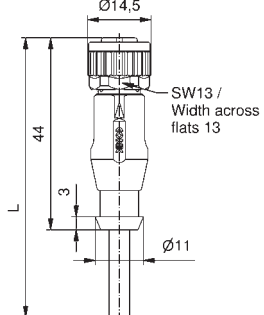
Female connector axial

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
 	3	A	250	4	0,34	2	SAL-12-RK3-2 / K1	43-10012
						3	SAL-12-RK3-3 / K1	43-10013
						5	SAL-12-RK3-5 / K1	43-10014
						10	SAL-12-RK3-10 / K1	43-10015
 	4	A	250	4	0,34	2	SAL-12-RK4-2 / K1	43-10032
						3	SAL-12-RK4-3 / K1	43-10033
						5	SAL-12-RK4-5 / K1	43-10034
						10	SAL-12-RK4-10 / K1	43-10035
 	5	A	60	4	0,34	2	SAL-12-RK5-2 / K1	43-10052
						3	SAL-12-RK5-3 / K1	43-10053
						5	SAL-12-RK5-5 / K1	43-10054
						10	SAL-12-RK5-10 / K1	43-10055
 	6	A	30	2	0,25	2	SAL-12-RK6-2 / K1	43-11038
						3	SAL-12-RK6-3 / K1	43-11039
						5	SAL-12-RK6-5 / K1	43-11040
						10	SAL-12-RK6-10 / K1	43-11041
 	8	A	30	2	0,25	2	SAL-12-RK8-2 / K1	43-11034
						3	SAL-12-RK8-3 / K1	43-11035
						5	SAL-12-RK8-5 / K1	43-11036
						10	SAL-12-RK8-10 / K1	43-11037
 	12	A	30	1,5	0,14	2	SAL-12-RK12-2 / K1	43-11268
						3	SAL-12-RK12-3 / K1	43-11269
						5	SAL-12-RK12-5 / K1	43-11270
						10	SAL-12-RK12-10 / K1	43-11271

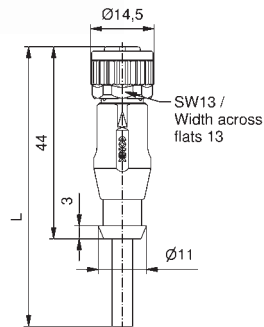
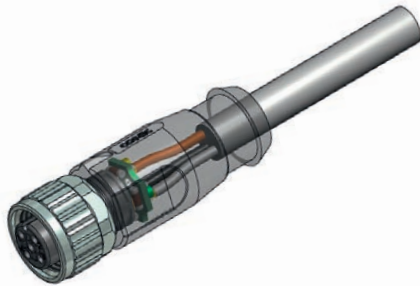
TPU, UL, irradiated, orange Li12Y11X

 	3	A	250	4	0,34	2	SAL-12-RK3-2 / J1	43-10016
						3	SAL-12-RK3-3 / J1	43-10017
						5	SAL-12-RK3-5 / J1	43-10018
						10	SAL-12-RK3-10 / J1	43-10019
 	4	A	250	4	0,34	2	SAL-12-RK4-2 / J1	43-10036
						3	SAL-12-RK4-3 / J1	43-10037
						5	SAL-12-RK4-5 / J1	43-10038
						10	SAL-12-RK4-10 / J1	43-10039
 	5	A	60	4	0,34	2	SAL-12-RK5-2 / J1	43-10056
						3	SAL-12-RK5-3 / J1	43-10057
						5	SAL-12-RK5-5 / J1	43-10058
						10	SAL-12-RK5-10 / J1	43-10059

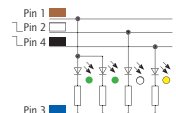
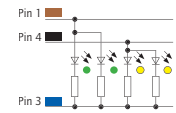
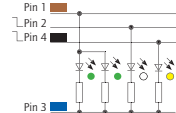
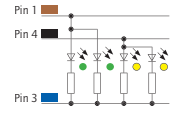
M12x1 CONNECTORS OVERMOULDED with LED

Female connector axial, A-coding

PVC, grey, LiYY

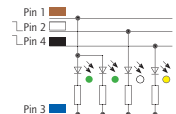
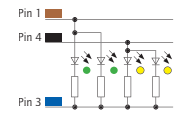
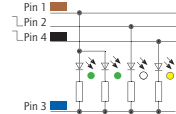
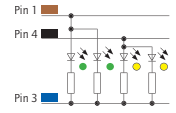
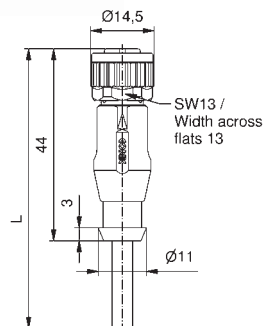
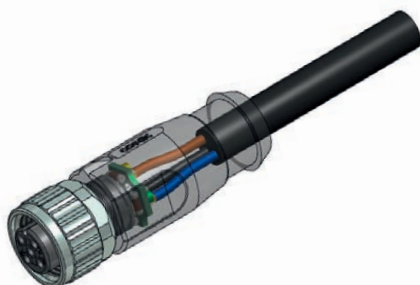


Contact assignment



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	30	4	2	0,25	SAL-12-RK3-2L-2 / A1 / 025	43-16746
				3		SAL-12-RK3-2L-3 / A1 / 025	43-16747
				5		SAL-12-RK3-2L-5 / A1 / 025	43-16748
				10		SAL-12-RK3-2L-10 / A1 / 025	43-16749
4	A	30	4	2	0,25	SAL-12-RK4-3L-2 / A1 / 025	43-16762
				3		SAL-12-RK4-3L-3 / A1 / 025	43-16763
				5		SAL-12-RK4-3L-5 / A1 / 025	43-16764
				10		SAL-12-RK4-3L-10 / A1 / 025	43-16765
5	A	30	4	2	0,25	SAL-12-RK5.2-2L-2 / A1 / 025	43-16754
				3		SAL-12-RK5.2-2L-3 / A1 / 025	43-16755
				5		SAL-12-RK5.2-2L-5 / A1 / 025	43-16756
				10		SAL-12-RK5.2-2L-10 / A1 / 025	43-16757
5	A	30	4	2	0,25	SAL-12-RK5-3L-2 / A1 / 025	43-16770
				3		SAL-12-RK5-3L-3 / A1 / 025	43-16771
				5		SAL-12-RK5-3L-5 / A1 / 025	43-16772
				10		SAL-12-RK5-3L-10 / A1 / 025	43-16773

TPU, UL, halogenfree, black, Li9Y11Y



3	A	30	4	2	0,25	SAL-12-RK3-2L-2 / K1 / 025	43-16750
				3		SAL-12-RK3-2L-3 / K1 / 025	43-16751
				5		SAL-12-RK3-2L-5 / K1 / 025	43-16752
				10		SAL-12-RK3-2L-10 / K1 / 025	43-16753
4	A	30	4	2	0,25	SAL-12-RK4-3L-2 / K1 / 025	43-16766
				3		SAL-12-RK4-3L-3 / K1 / 025	43-16767
				5		SAL-12-RK4-3L-5 / K1 / 025	43-16768
				10		SAL-12-RK4-3L-10 / K1 / 025	43-16769
5	A	30	4	2	0,25	SAL-12-RK5.2-2L-2 / K1 / 025	43-16758
				3		SAL-12-RK5.2-2L-3 / K1 / 025	43-16759
				5		SAL-12-RK5.2-2L-5 / K1 / 025	43-16760
				10		SAL-12-RK5.2-2L-10 / K1 / 025	43-16761
5	A	30	4	2	0,25	SAL-12-RK5-3L-2 / K1 / 025	43-16774
				3		SAL-12-RK5-3L-3 / K1 / 025	43-16775
				5		SAL-12-RK5-3L-5 / K1 / 025	43-16776
				10		SAL-12-RK5-3L-10 / K1 / 025	43-16777

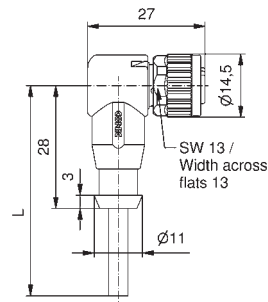
M12x1 CONNECTORS OVERMOULDED

Female connector angled

PVC, grey, LiYY

Contact assignment

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm²]	Description	Part No.
	3	A	250	4	2	0,34	SAL-12-RKW3-2 / A1	43-10168
							SAL-12-RKW3-3 / A1	43-10169
							SAL-12-RKW3-5 / A1	43-10170
							SAL-12-RKW3-10 / A1	43-10171
	4	A	250	4	2	0,34	SAL-12-RKW4-2 / A1	43-10188
							SAL-12-RKW4-3 / A1	43-10189
							SAL-12-RKW4-5 / A1	43-10190
							SAL-12-RKW4-10 / A1	43-10191
	5	A	60	4	2	0,34	SAL-12-RKW5-2 / A1	43-10208
							SAL-12-RKW5-3 / A1	43-10209
							SAL-12-RKW5-5 / A1	43-10210
							SAL-12-RKW5-10 / A1	43-10211
	6	A	30	2	2	0,25	SAL-12-RKW6-2 / A1	43-10228
							SAL-12-RKW6-3 / A1	43-10229
							SAL-12-RKW6-5 / A1	43-10230
							SAL-12-RKW6-10 / A1	43-10231
	8	A	30	2	2	0,25	SAL-12-RKW8-2 / A1	43-10240
							SAL-12-RKW8-3 / A1	43-10241
							SAL-12-RKW8-5 / A1	43-10242
							SAL-12-RKW8-10 / A1	43-10243



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3

Pin 4
Pin 6
Pin 7

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8

M12x1 CONNECTORS OVERMOULDED

Female connector angled

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	2	0,34	SAL-12-RKW3-2 / K1	43-10180
				3		SAL-12-RKW3-3 / K1	43-10181
				5		SAL-12-RKW3-5 / K1	43-10182
				10		SAL-12-RKW3-10 / K1	43-10183
4	A	250	4	2	0,34	SAL-12-RKW4-2 / K1	43-10200
				3		SAL-12-RKW4-3 / K1	43-10201
				5		SAL-12-RKW4-5 / K1	43-10202
				10		SAL-12-RKW4-10 / K1	43-10203
5	A	60	4	2	0,34	SAL-12-RKW5-2 / K1	43-10220
				3		SAL-12-RKW5-3 / K1	43-10221
				5		SAL-12-RKW5-5 / K1	43-10222
				10		SAL-12-RKW5-10 / K1	43-10223
6	A	30	2	2	0,25	SAL-12-RKW6-2 / K1	43-11046
				3		SAL-12-RKW6-3 / K1	43-11047
				5		SAL-12-RKW6-5 / K1	43-11048
				10		SAL-12-RKW6-10 / K1	43-11049
8	A	30	2	2	0,25	SAL-12-RKW8-2 / K1	43-11050
				3		SAL-12-RKW8-3 / K1	43-11051
				5		SAL-12-RKW8-5 / K1	43-11052
				10		SAL-12-RKW8-10 / K1	43-11053

Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

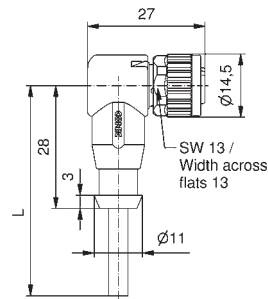
Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3

Pin 4
Pin 6
Pin 7

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8



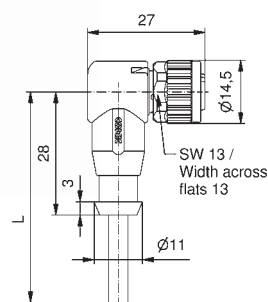
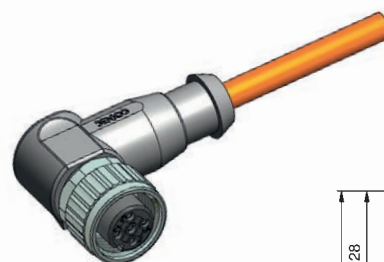
TPU, UL, irradiated, orange Li12Y11X

Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 5
Pin 6
Pin 7
Pin 8



3	A	250	4	2	0,34	SAL-12-RKW3-2 / J1	43-10184
				3		SAL-12-RKW3-3 / J1	43-10185
				5		SAL-12-RKW3-5 / J1	43-10186
				10		SAL-12-RKW3-10 / J1	43-10187
4	A	250	4	2	0,34	SAL-12-RKW4-2 / J1	43-10204
				3		SAL-12-RKW4-3 / J1	43-10205
				5		SAL-12-RKW4-5 / J1	43-10206
				10		SAL-12-RKW4-10 / J1	43-10207
5	A	60	4	2	0,34	SAL-12-RKW5-2 / J1	43-10224
				3		SAL-12-RKW5-3 / J1	43-10225
				5		SAL-12-RKW5-5 / J1	43-10226
				10		SAL-12-RKW5-10 / J1	43-10227

M12x1 CONNECTORS OVERMOULDED with 2-LED

Female connector angled

PVC, grey, LiYY

Contact assignment

Number of poles

Coding

Rated voltage [V]

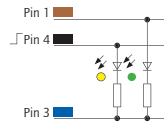
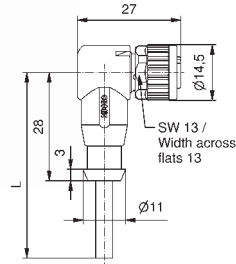
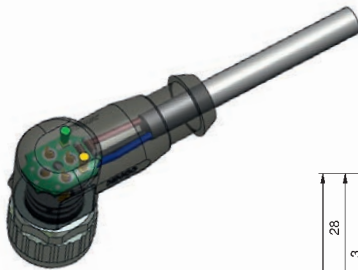
Current rating [A]

Cable length = L [m]

Wire cross section [mm²]

Description

Part No.



2

SAL-12-RKW3-2L-2 / A1

43-10368

3

SAL-12-RKW3-2L-3 / A1

43-10369

5

SAL-12-RKW3-2L-5 / A1

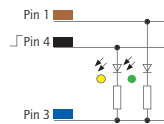
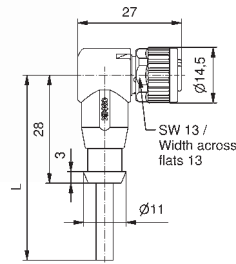
43-10370

10

SAL-12-RKW3-2L-10 / A1

43-10371

TPU, UL, halogenfree, black, Li9Y11Y



2

SAL-12-RKW3-2L-2 / K1

43-10868

3

SAL-12-RKW3-2L-3 / K1

43-10869

5

SAL-12-RKW3-2L-5 / K1

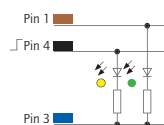
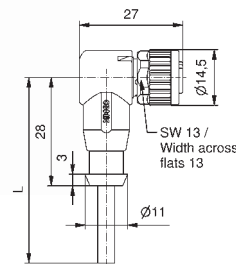
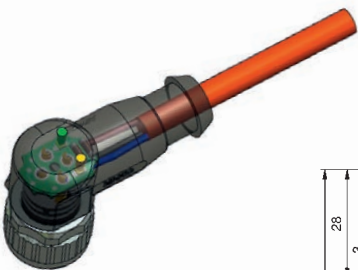
43-10870

10

SAL-12-RKW3-2L-10 / K1

43-10871

TPU, UL, irradiated, orange Li12Y11X



2

SAL-12-RKW3-2L-2 / J1

43-10872

3

SAL-12-RKW3-2L-3 / J1

43-10873

5

SAL-12-RKW3-2L-5 / J1

43-10874

10

SAL-12-RKW3-2L-10 / J1

43-10875

M12x1 CONNECTORS OVERMOULDED with 3-LED

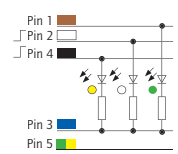
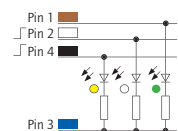
Female connector angled

PVC, grey, LiYY

Contact assignment

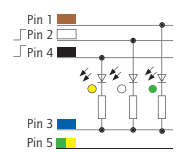
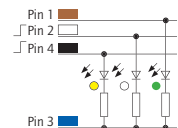
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	30	4	2	0,34	SAL-12-RKW4-3L-2 / A1	43-10424
				3		SAL-12-RKW4-3L-3 / A1	43-10425
				5		SAL-12-RKW4-3L-5 / A1	43-10426
				10		SAL-12-RKW4-3L-10 / A1	43-10427
5	A	30	4	2	0,34	SAL-12-RKW5-3L-2 / A1	43-10444
				3		SAL-12-RKW5-3L-3 / A1	43-10445
				5		SAL-12-RKW5-3L-5 / A1	43-10446
				10		SAL-12-RKW5-3L-10 / A1	43-10447

TPU, UL, halogenfree, black, Li9Y11Y



4	A	30	4	2	0,34	SAL-12-RKW4-3L-2 / K1	43-10436
				3		SAL-12-RKW4-3L-3 / K1	43-10437
				5		SAL-12-RKW4-3L-5 / K1	43-10438
				10		SAL-12-RKW4-3L-10 / K1	43-10439
5	A	30	4	2	0,34	SAL-12-RKW5-3L-2 / K1	43-10456
				3		SAL-12-RKW5-3L-3 / K1	43-10457
				5		SAL-12-RKW5-3L-5 / K1	43-10458
				10		SAL-12-RKW5-3L-10 / K1	43-10459

TPU, UL, irradiated, orange Li12Y11X



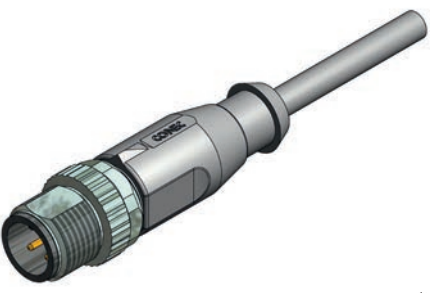
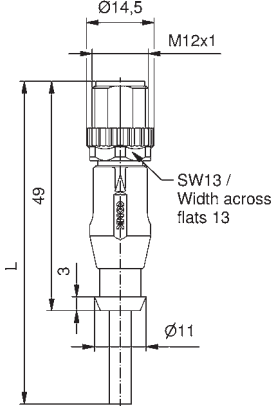
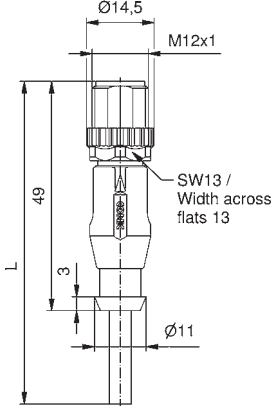
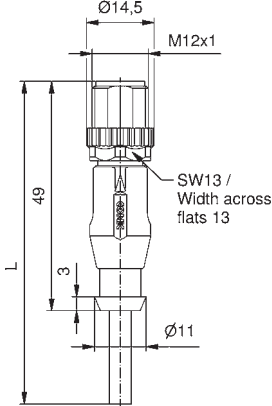
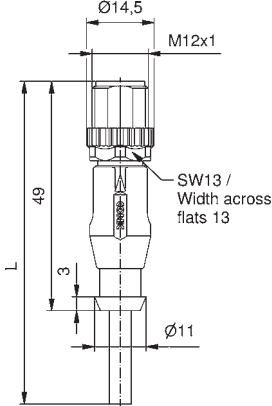
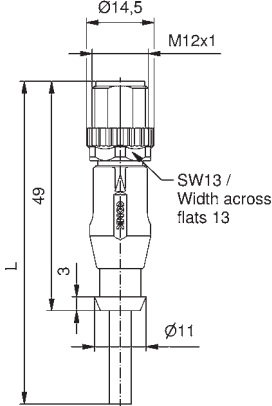
4	A	30	4	2	0,34	SAL-12-RKW4-3L-2 / J1	43-10440
				3		SAL-12-RKW4-3L-3 / J1	43-10441
				5		SAL-12-RKW4-3L-5 / J1	43-10442
				10		SAL-12-RKW4-3L-10 / J1	43-10443
5	A	30	4	2	0,34	SAL-12-RKW5-3L-2 / J1	43-10460
				3		SAL-12-RKW5-3L-3 / J1	43-10461
				5		SAL-12-RKW5-3L-5 / J1	43-10462
				10		SAL-12-RKW5-3L-10 / J1	43-10463

M12x1 CONNECTORS OVERMOULDED

Male connector axial

PVC, grey, LiYY

Contact assignment

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
	3	A	250	4	0,34	2	SAL-12-RS3-2/A1	43-10084
						3	SAL-12-RS3-3/A1	43-10085
						5	SAL-12-RS3-5/A1	43-10086
						10	SAL-12-RS3-10/A1	43-10087
	4	A	250	4	0,34	2	SAL-12-RS4-2/A1	43-10104
						3	SAL-12-RS4-3/A1	43-10105
						5	SAL-12-RS4-5/A1	43-10106
						10	SAL-12-RS4-10/A1	43-10107
	5	A	60	4	0,34	2	SAL-12-RS5-2/A1	43-10124
						3	SAL-12-RS5-3/A1	43-10125
						5	SAL-12-RS5-5/A1	43-10126
						10	SAL-12-RS5-10/A1	43-10127
	6	A	30	2	0,25	2	SAL-12-RS6-2/A1	43-10144
						3	SAL-12-RS6-3/A1	43-10145
						5	SAL-12-RS6-5/A1	43-10146
						10	SAL-12-RS6-10/A1	43-10147
	8	A	30	2	0,25	2	SAL-12-RS8-2/A1	43-10156
						3	SAL-12-RS8-3/A1	43-10157
						5	SAL-12-RS8-5/A1	43-10158
						10	SAL-12-RS8-10/A1	43-10159
	12	A	30	1,5	0,14	2	SAL-12-RS12-2/A3	43-11272
						3	SAL-12-RS12-3/A3	43-11273
						5	SAL-12-RS12-5/A3	43-11274
						10	SAL-12-RS12-10/A3	43-11275

Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6

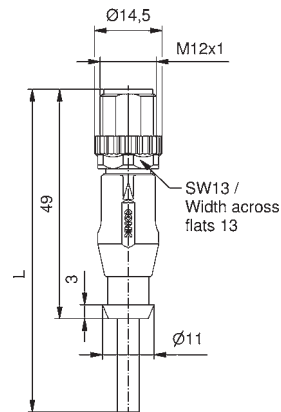
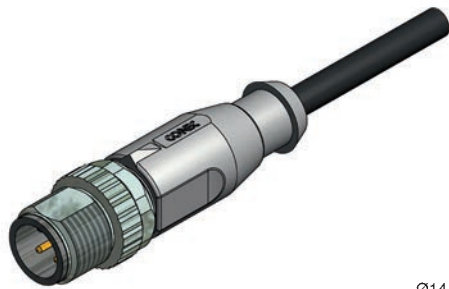
Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

M12x1 CONNECTORS OVERMOULDED

Male connector axial

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3

Pin 4
Pin 6
Pin 7

Pin 1
Pin 2
Pin 3
Pin 4

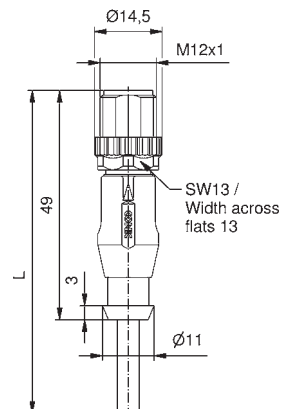
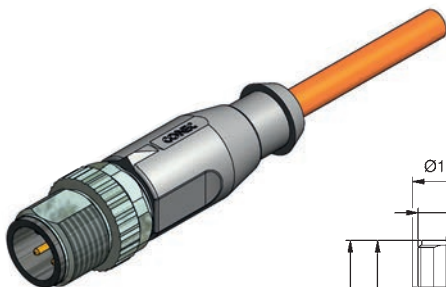
Pin 5
Pin 6
Pin 7
Pin 8

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6

Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	2	0,34	SAL-12-RS3-2/K1	43-10096
				3		SAL-12-RS3-3/K1	43-10097
				5		SAL-12-RS3-5/K1	43-10098
				10		SAL-12-RS3-10/K1	43-10099
4	A	250	4	2	0,34	SAL-12-RS4-2/K1	43-10116
				3		SAL-12-RS4-3/K1	43-10117
				5		SAL-12-RS4-5/K1	43-10118
				10		SAL-12-RS4-10/K1	43-10119
5	A	60	4	2	0,34	SAL-12-RS5-2/K1	43-10136
				3		SAL-12-RS5-3/K1	43-10137
				5		SAL-12-RS5-5/K1	43-10138
				10		SAL-12-RS5-10/K1	43-10139
6	A	30	2	2	0,25	SAL-12-RS6-2/K1	43-11058
				3		SAL-12-RS6-3/K1	43-11059
				5		SAL-12-RS6-5/K1	43-11060
				10		SAL-12-RS6-10/K1	43-11061
8	A	30	2	2	0,25	SAL-12-RS8-2/K1	43-11062
				3		SAL-12-RS8-3/K1	43-11063
				5		SAL-12-RS8-5/K1	43-11064
				10		SAL-12-RS8-10/K1	43-11065
12	A	30	1,5	2	0,14	SAL-12-RS12-2/K1	43-11276
				3		SAL-12-RS12-3/K1	43-11277
				5		SAL-12-RS12-5/K1	43-11278
				10		SAL-12-RS12-10/K1	43-11279

TPU, UL, irradiated, orange Li12Y11X



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

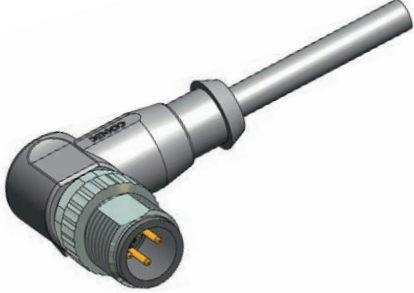
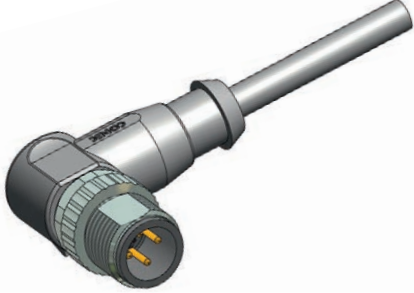
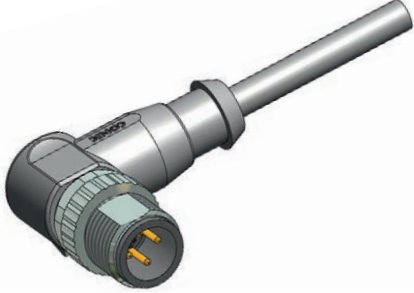
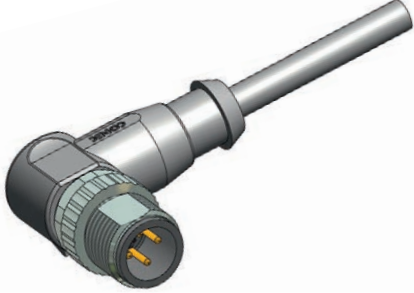
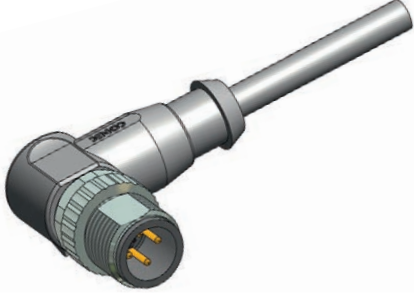
3	A	250	4	2	0,34	SAL-12-RS3-2/J1	43-10100
				3		SAL-12-RS3-3/J1	43-10101
				5		SAL-12-RS3-5/J1	43-10102
				10		SAL-12-RS3-10/J1	43-10103
4	A	250	4	2	0,34	SAL-12-RS4-2/J1	43-10120
				3		SAL-12-RS4-3/J1	43-10121
				5		SAL-12-RS4-5/J1	43-10122
				10		SAL-12-RS4-10/J1	43-10123
5	A	60	4	2	0,34	SAL-12-RS5-2/J1	43-10140
				3		SAL-12-RS5-3/J1	43-10141
				5		SAL-12-RS5-5/J1	43-10142
				10		SAL-12-RS5-10/J1	43-10143

M12x1 CONNECTORS OVERMOULDED

Male connector angled

PVC, grey, LiYY

Contact assignment

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
	3	A	250	4	2	0,34	SAL-12-RSW3-2 / A1 / A1090	43-14424
					3	0,34	SAL-12-RSW3-3 / A1 / A1090	43-14425
					5	0,34	SAL-12-RSW3-5 / A1 / A1090	43-14426
					10	0,34	SAL-12-RSW3-10 / A1 / A1090	43-14427
	4	A	250	4	2	0,34	SAL-12-RSW4-2 / A1 / A1090	43-14436
					3	0,34	SAL-12-RSW4-3 / A1 / A1090	43-14437
					5	0,34	SAL-12-RSW4-5 / A1 / A1090	43-14438
					10	0,34	SAL-12-RSW4-10 / A1 / A1090	43-14439
	5	A	60	4	2	0,34	SAL-12-RSW5-2 / A1 / A1090	43-14448
					3	0,34	SAL-12-RSW5-3 / A1 / A1090	43-14449
					5	0,34	SAL-12-RSW5-5 / A1 / A1090	43-14450
					10	0,34	SAL-12-RSW5-10 / A1 / A1090	43-14451
	6	A	30	2	2	0,25	SAL-12-RSW6-2 / A1 / A1090	43-14460
					3	0,25	SAL-12-RSW6-3 / A1 / A1090	43-14461
					5	0,25	SAL-12-RSW6-5 / A1 / A1090	43-14462
					10	0,25	SAL-12-RSW6-10 / A1 / A1090	43-14463
	8	A	30	2	2	0,25	SAL-12-RSW8-2 / A1 / A1090	43-14468
					3	0,25	SAL-12-RSW8-3 / A1 / A1090	43-14469
					5	0,25	SAL-12-RSW8-5 / A1 / A1090	43-14470
					10	0,25	SAL-12-RSW8-10 / A1 / A1090	43-14471

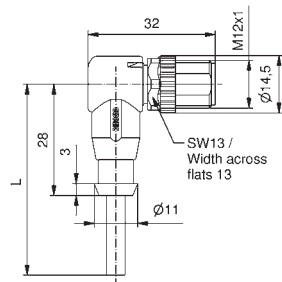
Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 3
Pin 4
Pin 7

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6
Pin 7
Pin 8

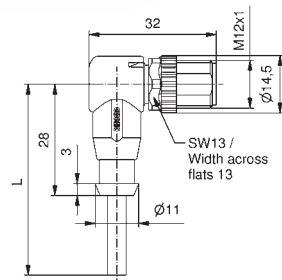


M12x1 CONNECTORS OVERMOULDED

Male connector angled

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment



Pin 1
Pin 3
Pin 4

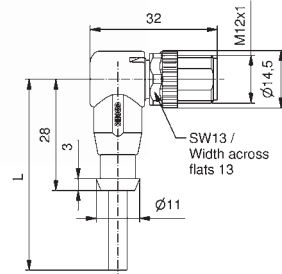
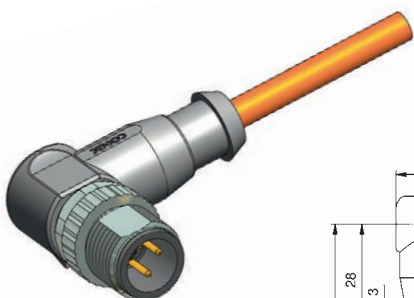
Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	2	0,34	SAL-12-RSW3-2 / K1 / A1090	43-14428
				3		SAL-12-RSW3-3 / K1 / A1090	43-14429
				5		SAL-12-RSW3-5 / K1 / A1090	43-14430
				10		SAL-12-RSW3-10 / K1 / A1090	43-14431
4	A	250	4	2	0,34	SAL-12-RSW4-2 / K1 / A1090	43-14440
				3		SAL-12-RSW4-3 / K1 / A1090	43-14441
				5		SAL-12-RSW4-5 / K1 / A1090	43-14442
				10		SAL-12-RSW4-10 / K1 / A1090	43-14443
5	A	60	4	2	0,34	SAL-12-RSW5-2 / K1 / A1090	43-14452
				3		SAL-12-RSW5-3 / K1 / A1090	43-14453
				5		SAL-12-RSW5-5 / K1 / A1090	43-14454
				10		SAL-12-RSW5-10 / K1 / A1090	43-14455
6	A	30	2	2	0,25	SAL-12-RSW6-2 / K1 / A1090	43-14464
				3		SAL-12-RSW6-3 / K1 / A1090	43-14465
				5		SAL-12-RSW6-5 / K1 / A1090	43-14466
				10		SAL-12-RSW6-10 / K1 / A1090	43-14467
8	A	30	2	2	0,25	SAL-12-RSW8-2 / K1 / A1090	43-14472
				3		SAL-12-RSW8-3 / K1 / A1090	43-14473
				5		SAL-12-RSW8-5 / K1 / A1090	43-14474
				10		SAL-12-RSW8-10 / K1 / A1090	43-14475

TPU, UL, irradiated, orange, Li12Y11X



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

3	A	250	4	2	0,34	SAL-12-RSW3-2 / J1 / A1090	43-14432
				3		SAL-12-RSW3-3 / J1 / A1090	43-14433
				5		SAL-12-RSW3-5 / J1 / A1090	43-14434
				10		SAL-12-RSW3-10 / J1 / A1090	43-14435
4	A	250	4	2	0,34	SAL-12-RSW4-2 / J1 / A1090	43-14444
				3		SAL-12-RSW4-3 / J1 / A1090	43-14445
				5		SAL-12-RSW4-5 / J1 / A1090	43-14446
				10		SAL-12-RSW4-10 / J1 / A1090	43-14447
5	A	60	4	2	0,34	SAL-12-RSW5-2 / J1 / A1090	43-14456
				3		SAL-12-RSW5-3 / J1 / A1090	43-14457
				5		SAL-12-RSW5-5 / J1 / A1090	43-14458
				10		SAL-12-RSW5-10 / J1 / A1090	43-14459

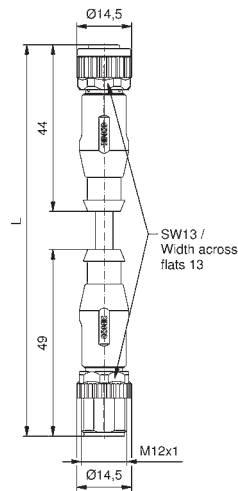
M12x1 CONNECTORS OVERMOULDED

Connecting cable

Female connector axial
Male connector axial

PVC, grey, LiYY

Contact assignment



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3

Pin 4
Pin 6
Pin 7

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6

Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	0,3	0,34	SAL-12-RK3-RS3-0,3/A1	43-10544
				0,6		SAL-12-RK3-RS3-0,6/A1	43-10545
				1,5		SAL-12-RK3-RS3-1,5/A1	43-10546
				3		SAL-12-RK3-RS3-3/A1	43-10547
4	A	250	4	0,3	0,34	SAL-12-RK4-RS4-0,3/A1	43-10564
				0,6		SAL-12-RK4-RS4-0,6/A1	43-10565
				1,5		SAL-12-RK4-RS4-1,5/A1	43-10566
				3		SAL-12-RK4-RS4-3/A1	43-10567
5	A	60	4	0,3	0,34	SAL-12-RK5-RS5-0,3/A1	43-10584
				0,6		SAL-12-RK5-RS5-0,6/A1	43-10585
				1,5		SAL-12-RK5-RS5-1,5/A1	43-10586
				3		SAL-12-RK5-RS5-3/A1	43-10587
6	A	30	2	0,3	0,25	SAL-12-RK6-RS6-0,3/A1	43-11070
				0,6		SAL-12-RK6-RS6-0,6/A1	43-11071
				1,5		SAL-12-RK6-RS6-1,5/A1	43-11072
				3		SAL-12-RK6-RS6-3/A1	43-11073
8	A	30	2	0,3	0,25	SAL-12-RK8-RS8-0,3/A1	43-10596
				0,6		SAL-12-RK8-RS8-0,6/A1	43-10597
				1,5		SAL-12-RK8-RS8-1,5/A1	43-10598
				3		SAL-12-RK8-RS8-3/A1	43-10599
12	A	30	1,5	0,3	0,14	SAL-12-RK12-RS12-0,3/A3	43-15277
				0,6		SAL-12-RK12-RS12-0,6/A3	43-15278
				1,5		SAL-12-RK12-RS12-1,5/A3	43-15279
				3		SAL-12-RK12-RS12-3/A3	43-15280

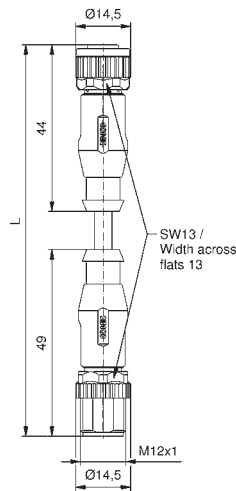
M12x1 CONNECTORS OVERMOULDED

Connecting cable

Female connector axial
Male connector axial

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3

Number of poles

Coding

Rated voltage [V]

Current rating [A]

Cable length = L [m]

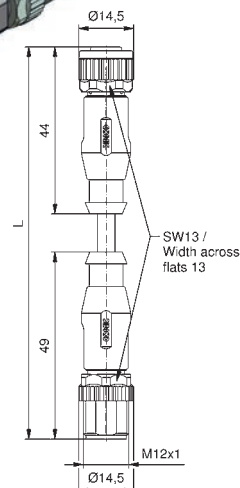
Wire cross section [mm²]

Description

Part No.

SAL-12-RK3-RS3-0,3 / K1	43-10556
SAL-12-RK3-RS3-0,6 / K1	43-10557
SAL-12-RK3-RS3-1,5 / K1	43-10558
SAL-12-RK3-RS3-3 / K1	43-10559
SAL-12-RK4-RS4-0,3 / K1	43-10576
SAL-12-RK4-RS4-0,6 / K1	43-10577
SAL-12-RK4-RS4-1,5 / K1	43-10578
SAL-12-RK4-RS4-3 / K1	43-10579
SAL-12-RK5-RS5-0,3 / K1	43-10672
SAL-12-RK5-RS5-0,6 / K1	43-10673
SAL-12-RK5-RS5-1,5 / K1	43-10674
SAL-12-RK5-RS5-3 / K1	43-10675
SAL-12-RK6-RS6-0,3 / K1	43-11078
SAL-12-RK6-RS6-0,6 / K1	43-11079
SAL-12-RK6-RS6-1,5 / K1	43-11080
SAL-12-RK6-RS6-3 / K1	43-11081
SAL-12-RK8-RS8-0,3 / K1	43-11054
SAL-12-RK8-RS8-0,6 / K1	43-11055
SAL-12-RK8-RS8-1,5 / K1	43-11056
SAL-12-RK8-RS8-3 / K1	43-11057
SAL-12-RK12-RS12-0,3 / K1	43-13662
SAL-12-RK12-RS12-0,6 / K1	43-15281
SAL-12-RK12-RS12-1,5 / K1	43-15282
SAL-12-RK12-RS12-3 / K1	43-15283

TPU, UL, irradiated, orange, Li12Y11X



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Number of poles

Coding

Rated voltage [V]

Current rating [A]

Cable length = L [m]

Wire cross section [mm²]

Description

Part No.

SAL-12-RK3-RS3-0,3 / J1	43-10560
SAL-12-RK3-RS3-0,6 / J1	43-10561
SAL-12-RK3-RS3-1,5 / J1	43-10562
SAL-12-RK3-RS3-3 / J1	43-10563
SAL-12-RK4-RS4-0,3 / J1	43-10580
SAL-12-RK4-RS4-0,6 / J1	43-10581
SAL-12-RK4-RS4-1,5 / J1	43-10582
SAL-12-RK4-RS4-3 / J1	43-10583
SAL-12-RK5-RS5-0,3 / J1	43-10676
SAL-12-RK5-RS5-0,6 / J1	43-10677
SAL-12-RK5-RS5-1,5 / J1	43-10678
SAL-12-RK5-RS5-3 / J1	43-10679

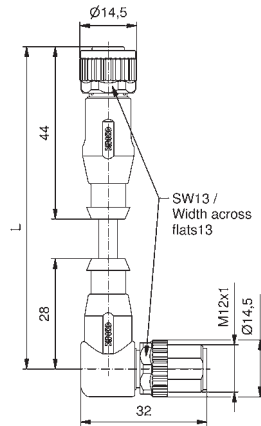
M12x1 CONNECTORS OVERMOULDED

Connecting cable

Female connector axial
Male connector angled

PVC, grey, LiYY

Contact assignment



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3

Pin 4
Pin 7

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	0,3	0,34	SAL-12-RK3-RSW3-0,3 / A1 / A1090	43-14593
				0,6		SAL-12-RK3-RSW3-0,6 / A1 / A1090	43-14594
				1,5		SAL-12-RK3-RSW3-1,5 / A1 / A1090	43-14595
				3		SAL-12-RK3-RSW3-3 / A1 / A1090	43-14596
4	A	250	4	0,3	0,34	SAL-12-RK4-RSW4-0,3 / A1 / A1090	43-14605
				0,6		SAL-12-RK4-RSW4-0,6 / A1 / A1090	43-14606
				1,5		SAL-12-RK4-RSW4-1,5 / A1 / A1090	43-14607
				3		SAL-12-RK4-RSW4-3 / A1 / A1090	43-14608
5	A	60	4	0,3	0,34	SAL-12-RK5-RSW5-0,3 / A1 / A1090	43-14617
				0,6		SAL-12-RK5-RSW5-0,6 / A1 / A1090	43-14618
				1,5		SAL-12-RK5-RSW5-1,5 / A1 / A1090	43-14619
				3		SAL-12-RK5-RSW5-3 / A1 / A1090	43-14620
6	A	30	2	0,3	0,25	SAL-12-RK6-RSW6-0,3 / A1 / A1090	43-14629
				0,6		SAL-12-RK6-RSW6-0,6 / A1 / A1090	43-14630
				1,5		SAL-12-RK6-RSW6-1,5 / A1 / A1090	43-14631
				3		SAL-12-RK6-RSW6-3 / A1 / A1090	43-14632
8	A	30	2	0,3	0,25	SAL-12-RK8-RSW8-0,3 / A1 / A1090	43-14637
				0,6		SAL-12-RK8-RSW8-0,6 / A1 / A1090	43-14638
				1,5		SAL-12-RK8-RSW8-1,5 / A1 / A1090	43-14639
				3		SAL-12-RK8-RSW8-3 / A1 / A1090	43-14640

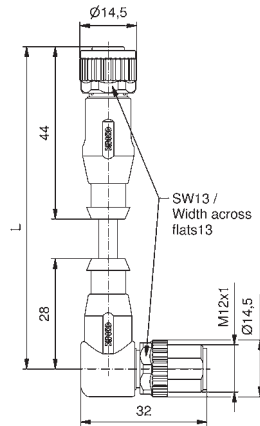
M12x1 CONNECTORS OVERMOULDED

Connecting cable

Female connector axial
Male connector angled

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment



Pin 1
Pin 3
Pin 4

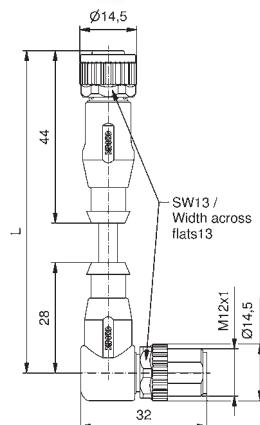
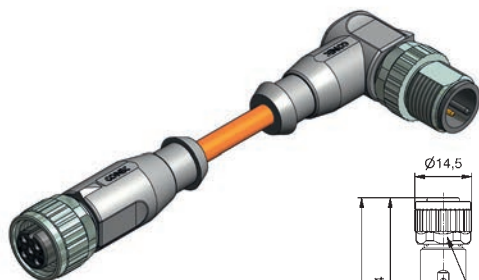
Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	0,3	0,34	SAL-12-RK3-RSW3-0,3 / K1 / A1090	43-14597
				0,6		SAL-12-RK3-RSW3-0,6 / K1 / A1090	43-14598
				1,5		SAL-12-RK3-RSW3-1,5 / K1 / A1090	43-14599
				3		SAL-12-RK3-RSW3-3 / K1 / A1090	43-14600
4	A	250	4	0,3	0,34	SAL-12-RK4-RSW4-0,3 / K1 / A1090	43-14609
				0,6		SAL-12-RK4-RSW4-0,6 / K1 / A1090	43-14610
				1,5		SAL-12-RK4-RSW4-1,5 / K1 / A1090	43-14611
				3		SAL-12-RK4-RSW4-3 / K1 / A1090	43-14612
5	A	60	4	0,3	0,34	SAL-12-RK5-RSW5-0,3 / K1 / A1090	43-14621
				0,6		SAL-12-RK5-RSW5-0,6 / K1 / A1090	43-14622
				1,5		SAL-12-RK5-RSW5-1,5 / K1 / A1090	43-14623
				3		SAL-12-RK5-RSW5-3 / K1 / A1090	43-14624
6	A	30	2	0,3	0,25	SAL-12-RK6-RSW6-0,3 / K1 / A1090	43-14633
				0,6		SAL-12-RK6-RSW6-0,6 / K1 / A1090	43-14634
				1,5		SAL-12-RK6-RSW6-1,5 / K1 / A1090	43-14635
				3		SAL-12-RK6-RSW6-3 / K1 / A1090	43-14636
8	A	30	2	0,3	0,25	SAL-12-RK8-RSW8-0,3 / K1 / A1090	43-14641
				0,6		SAL-12-RK8-RSW8-0,6 / K1 / A1090	43-14642
				1,5		SAL-12-RK8-RSW8-1,5 / K1 / A1090	43-14643
				3		SAL-12-RK8-RSW8-3 / K1 / A1090	43-14644

TPU, UL, irradiated, orange, Li12Y11X



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

3	A	250	4	0,3	0,34	SAL-12-RK3-RSW3-0,3 / J1 / A1090	43-14601
				0,6		SAL-12-RK3-RSW3-0,6 / J1 / A1090	43-14602
				1,5		SAL-12-RK3-RSW3-1,5 / J1 / A1090	43-14603
				3		SAL-12-RK3-RSW3-3 / J1 / A1090	43-14604
4	A	250	4	0,3	0,34	SAL-12-RK4-RSW4-0,3 / J1 / A1090	43-14613
				0,6		SAL-12-RK4-RSW4-0,6 / J1 / A1090	43-14614
				1,5		SAL-12-RK4-RSW4-1,5 / J1 / A1090	43-14615
				3		SAL-12-RK4-RSW4-3 / J1 / A1090	43-14616
5	A	60	4	0,3	0,34	SAL-12-RK5-RSW5-0,3 / J1 / A1090	43-14625
				0,6		SAL-12-RK5-RSW5-0,6 / J1 / A1090	43-14626
				1,5		SAL-12-RK5-RSW5-1,5 / J1 / A1090	43-14627
				3		SAL-12-RK5-RSW5-3 / J1 / A1090	43-14628

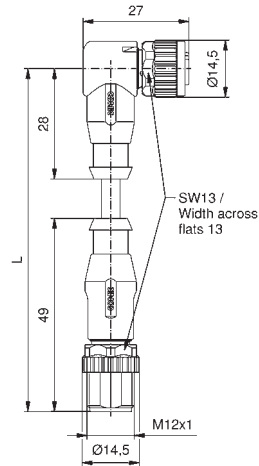
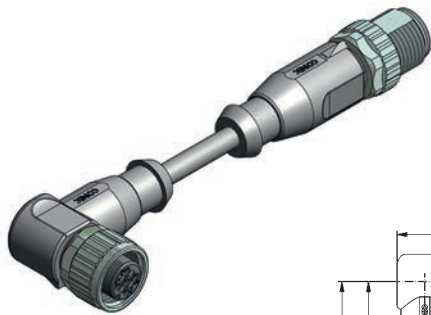
M12x1 CONNECTORS OVERMOULDED

Connecting cable

Female connector angled
Male connector axial

PVC, grey, LiYY

Contact assignment



Pin 1 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 

Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 
Pin 6 
Pin 7 
Pin 8 

Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 
Pin 6 
Pin 7 
Pin 8 

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	250	4	0,3	0,34	SAL-12-RKW3-RS3-0,3/A1	43-10688
				0,6		SAL-12-RKW3-RS3-0,6/A1	43-10689
				1,5		SAL-12-RKW3-RS3-1,5/A1	43-10690
				3		SAL-12-RKW3-RS3-3/A1	43-10691
4	A	250	4	0,3	0,34	SAL-12-RKW4-RS4-0,3/A1	43-10708
				0,6		SAL-12-RKW4-RS4-0,6/A1	43-10709
				1,5		SAL-12-RKW4-RS4-1,5/A1	43-10710
				3		SAL-12-RKW4-RS4-3/A1	43-10711
5	A	60	4	0,3	0,34	SAL-12-RKW5-RS5-0,3/A1	43-10952
				0,6		SAL-12-RKW5-RS5-0,6/A1	43-10953
				1,5		SAL-12-RKW5-RS5-1,5/A1	43-10954
				3		SAL-12-RKW5-RS5-3/A1	43-10955
6	A	30	2	0,3	0,25	SAL-12-RKW6-RS6-0,3/A1	43-11082
				0,6		SAL-12-RKW6-RS6-0,6/A1	43-11083
				1,5		SAL-12-RKW6-RS6-1,5/A1	43-11084
				3		SAL-12-RKW6-RS6-3/A1	43-11085
8	A	30	2	0,3	0,25	SAL-12-RKW8-RS8-0,3/A1	43-10728
				0,6		SAL-12-RKW8-RS8-0,6/A1	43-10729
				1,5		SAL-12-RKW8-RS8-1,5/A1	43-10730
				3		SAL-12-RKW8-RS8-3/A1	43-10731

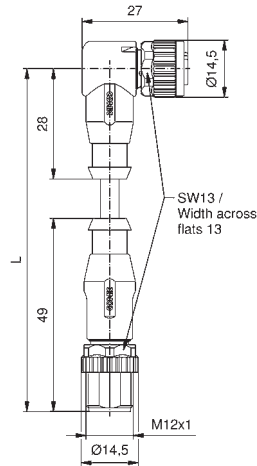
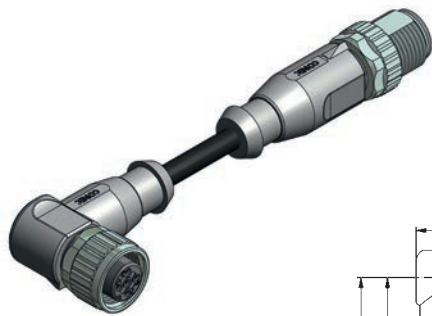
M12x1 CONNECTORS OVERMOULDED

Connecting cable

Female connector angled
Male connector axial

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

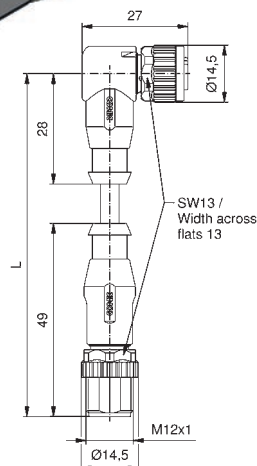
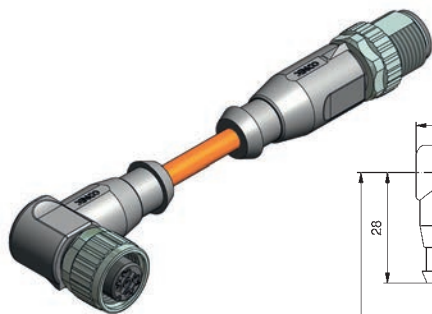
Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]
3	A	250	4	0,3	0,34
				0,6	
				1,5	
				3	
4	A	250	4	0,3	0,34
				0,6	
				1,5	
				3	
5	A	60	4	0,3	0,34
				0,6	
				1,5	
				3	
6	A	30	2	0,3	0,25
				0,6	
				1,5	
				3	
8	A	30	2	0,3	0,25
				0,6	
				1,5	
				3	

Description	Part No.
SAL-12-RKW3-RS3-0,3/K1	43-10700
SAL-12-RKW3-RS3-0,6/K1	43-10701
SAL-12-RKW3-RS3-1,5/K1	43-10702
SAL-12-RKW3-RS3-3/K1	43-10703
SAL-12-RKW4-RS4-0,3/K1	43-10720
SAL-12-RKW4-RS4-0,6/K1	43-10721
SAL-12-RKW4-RS4-1,5/K1	43-10722
SAL-12-RKW4-RS4-3/K1	43-10723
SAL-12-RKW5-RS5-0,3/K1	43-10964
SAL-12-RKW5-RS5-0,6/K1	43-10965
SAL-12-RKW5-RS5-1,5/K1	43-10966
SAL-12-RKW5-RS5-3/K1	43-10967
SAL-12-RKW6-RS6-0,3/K1	43-11086
SAL-12-RKW6-RS6-0,6/K1	43-11087
SAL-12-RKW6-RS6-1,5/K1	43-11088
SAL-12-RKW6-RS6-3/K1	43-11089
SAL-12-RKW8-RS8-0,3/K1	43-11106
SAL-12-RKW8-RS8-0,6/K1	43-11107
SAL-12-RKW8-RS8-1,5/K1	43-11108
SAL-12-RKW8-RS8-3/K1	43-11109

TPU, UL, irradiated, orange, Li12Y11X



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

3	A	250	4	0,3	0,34	SAL-12-RKW3-RS3-0,3/J1	43-10704
				0,6		SAL-12-RKW3-RS3-0,6/J1	43-10705
				1,5		SAL-12-RKW3-RS3-1,5/J1	43-10706
				3		SAL-12-RKW3-RS3-3/J1	43-10707
4	A	250	4	0,3	0,34	SAL-12-RKW4-RS4-0,3/J1	43-10724
				0,6		SAL-12-RKW4-RS4-0,6/J1	43-10725
				1,5		SAL-12-RKW4-RS4-1,5/J1	43-10726
				3		SAL-12-RKW4-RS4-3/J1	43-10727
5	A	60	4	0,3	0,34	SAL-12-RKW5-RS5-0,3/J1	43-10968
				0,6		SAL-12-RKW5-RS5-0,6/J1	43-10969
				1,5		SAL-12-RKW5-RS5-1,5/J1	43-10970
				3		SAL-12-RKW5-RS5-3/J1	43-10971

3	A	250	4	0,3	0,34	SAL-12-RKW3-RS3-0,3/J1	43-10704
				0,6		SAL-12-RKW3-RS3-0,6/J1	43-10705
				1,5		SAL-12-RKW3-RS3-1,5/J1	43-10706
				3		SAL-12-RKW3-RS3-3/J1	43-10707
4	A	250	4	0,3	0,34	SAL-12-RKW4-RS4-0,3/J1	43-10724
				0,6		SAL-12-RKW4-RS4-0,6/J1	43-10725
				1,5		SAL-12-RKW4-RS4-1,5/J1	43-10726
				3		SAL-12-RKW4-RS4-3/J1	43-10727
5	A	60	4	0,3	0,34	SAL-12-RKW5-RS5-0,3/J1	43-10968
				0,6		SAL-12-RKW5-RS5-0,6/J1	43-10969
				1,5		SAL-12-RKW5-RS5-1,5/J1	43-10970
				3		SAL-12-RKW5-RS5-3/J1	43-10971

M12x1 CONNECTORS OVERMOULDED

Connecting cable with 2-LED

Female connector angled with 2-LED
Male connector axial

PVC, grey, LiYY

Contact assignment

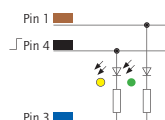
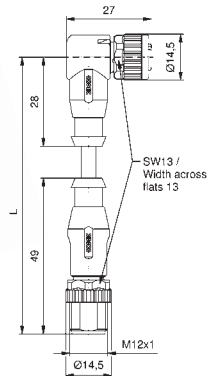
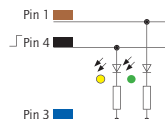
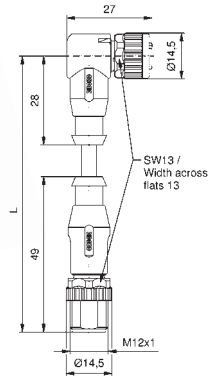
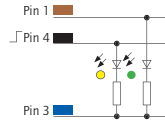
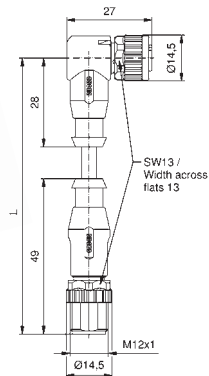
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	30	4	0,3	0,34	SAL-12-RKW3-RS3-2L-0,3/A1	43-10392
				0,6		SAL-12-RKW3-RS3-2L-0,6/A1	43-10393
				1,5		SAL-12-RKW3-RS3-2L-1,5/A1	43-10394
				3		SAL-12-RKW3-RS3-2L-3/A1	43-10395

TPU, UL, halogenfree, black, Li9Y11Y

3	A	30	4	0,3	0,34	SAL-12-RKW3-RS3-2L-0,3/K1	43-10884
				0,6		SAL-12-RKW3-RS3-2L-0,6/K1	43-10885
				1,5		SAL-12-RKW3-RS3-2L-1,5/K1	43-10886
				3		SAL-12-RKW3-RS3-2L-3/K1	43-10887

TPU, UL, irradiated, orange, Li12Y11X

3	A	30	4	0,3	0,34	SAL-12-RKW3-RS3-2L-0,3/J1	43-10888
				0,6		SAL-12-RKW3-RS3-2L-0,6/J1	43-10889
				1,5		SAL-12-RKW3-RS3-2L-1,5/J1	43-10890
				3		SAL-12-RKW3-RS3-2L-3/J1	43-10891



M12x1 CONNECTORS OVERMOULDED

Connecting cable with 3-LED

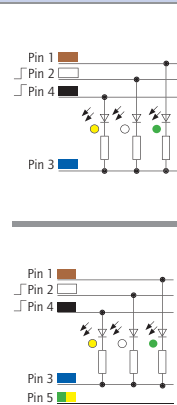
Female connector angled with 3-LED
Male connector axial

PVC, grey, LiYY

Contact assignment

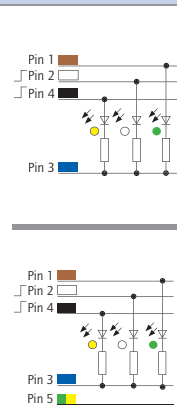
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	30	4	0,3	0,34	SAL-12-RKW4-RS4-3L-0,3 / A1	43-10416
						SAL-12-RKW4-RS4-3L-0,6 / A1	43-10417
						SAL-12-RKW4-RS4-3L-1,5 / A1	43-10418
						SAL-12-RKW4-RS4-3L-3 / A1	43-10419
5	A	30	4	0,3	0,34	SAL-12-RKW5-RS5-3L-0,3 / A1	43-10848
						SAL-12-RKW5-RS5-3L-0,6 / A1	43-10849
						SAL-12-RKW5-RS5-3L-1,5 / A1	43-10850
						SAL-12-RKW5-RS5-3L-3 / A1	43-10851

TPU, UL, halogenfree, black, Li9Y11Y



4	A	30	4	0,3	0,34	SAL-12-RKW4-RS4-3L-0,3 / K1	43-10840
						SAL-12-RKW4-RS4-3L-0,6 / K1	43-10841
						SAL-12-RKW4-RS4-3L-1,5 / K1	43-10842
						SAL-12-RKW4-RS4-3L-3 / K1	43-10843
5	A	30	4	0,3	0,34	SAL-12-RKW5-RS5-3L-0,3 / K1	43-10860
						SAL-12-RKW5-RS5-3L-0,6 / K1	43-10861
						SAL-12-RKW5-RS5-3L-1,5 / K1	43-10862
						SAL-12-RKW5-RS5-3L-3 / K1	43-10863

TPU, UL, irradiated, orange, Li12Y11X



4	A	30	4	0,3	0,34	SAL-12-RKW4-RS4-3L-0,3 / J1	43-10844
						SAL-12-RKW4-RS4-3L-0,6 / J1	43-10845
						SAL-12-RKW4-RS4-3L-1,5 / J1	43-10846
						SAL-12-RKW4-RS4-3L-3 / J1	43-10847
5	A	30	4	0,3	0,34	SAL-12-RKW5-RS5-3L-0,3 / J1	43-10864
						SAL-12-RKW5-RS5-3L-0,6 / J1	43-10865
						SAL-12-RKW5-RS5-3L-1,5 / J1	43-10866
						SAL-12-RKW5-RS5-3L-3 / J1	43-10867

M12x1 – M8x1 CONNECTORS OVERMOULDED

Connecting cable

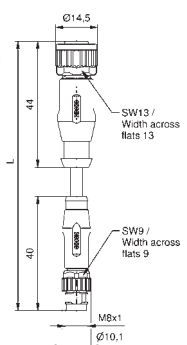
Female connector M12x1, axial
Male connector M8x1, axial

PVC, grey, LiYY

Contact assignment

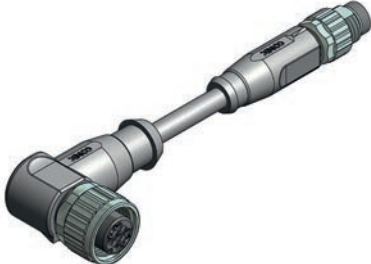
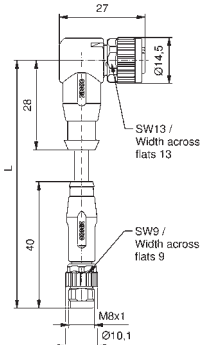
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	50 V AC / 60 V DC	3	0,3	0,25	SAL-12-RK3-8-RS3-0,3/A1	43-11430
						SAL-12-RK3-8-RS3-0,6/A1	43-11431
						SAL-12-RK3-8-RS3-1,5/A1	43-11432
						SAL-12-RK3-8-RS3-3/A1	43-11433

TPU, UL, halogenfree, black, Li9Y11Y

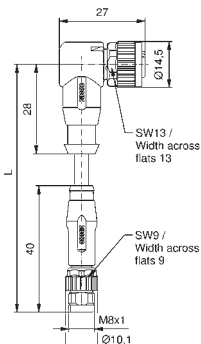
  Pin 1 ■ Pin 3 ■ Pin 4 ■	3	A	50 V AC / 60 V DC	3	0,25	SAL-12-RK3-8-RS3-0,3/K1	43-11434
						SAL-12-RK3-8-RS3-0,6/K1	43-11435
						SAL-12-RK3-8-RS3-1,5/K1	43-11436
						SAL-12-RK3-8-RS3-3/K1	43-11437

Female connector M12x1, angled
Male connector M8x1, axial

PVC, grey, LiYY

  Pin 1 ■ Pin 3 ■ Pin 4 ■	3	A	50 V AC / 60 V DC	3	0,25	SAL-12-RKW3-8-RS3-0,3/A1	43-11438
						SAL-12-RKW3-8-RS3-0,6/A1	43-11439
						SAL-12-RKW3-8-RS3-1,5/A1	43-11440
						SAL-12-RKW3-8-RS3-3/A1	43-11441

TPU, UL, halogenfree, black, Li9Y11Y

  Pin 1 ■ Pin 3 ■ Pin 4 ■	3	A	50 V AC / 60 V DC	3	0,25	SAL-12-RKW3-8-RS3-0,3/K1	43-11442
						SAL-12-RKW3-8-RS3-0,6/K1	43-11443
						SAL-12-RKW3-8-RS3-1,5/K1	43-11444
						SAL-12-RKW3-8-RS3-3/K1	43-11445

M12x1 – M8x1 CONNECTORS OVERMOULDED

Connecting cable

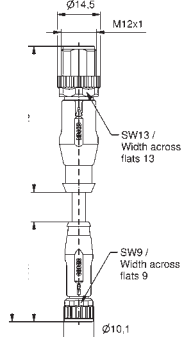
Male connector M12x1, axial
Female connector M8x1, axial

PVC, grey, LiYY

Contact assignment

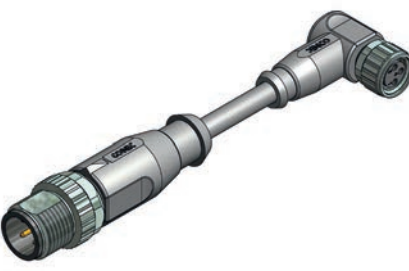
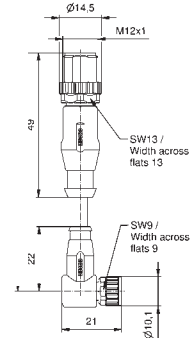
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	A	50 V AC / 60 V DC	3	0,3	0,25	SAL-12-RS3-8-RK3-0,3 / A1	43-11446
						SAL-12-RS3-8-RK3-0,6 / A1	43-11447
						SAL-12-RS3-8-RK3-1,5 / A1	43-11448
						SAL-12-RS3-8-RK3-3 / A1	43-11449

TPU, UL, halogenfree, black, Li9Y11Y

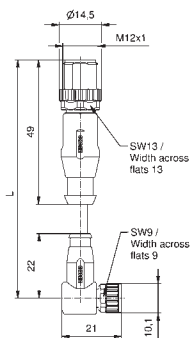
			3	A	50 V AC / 60 V DC	3	0,25	0,3	SAL-12-RS3-8-RK3-0,3 / K1	43-11450
								0,6	SAL-12-RS3-8-RK3-0,6 / K1	43-11451
								1,5	SAL-12-RS3-8-RK3-1,5 / K1	43-11452
								3	SAL-12-RS3-8-RK3-3 / K1	43-11453

Male connector M12x1, axial
Female connector M8x1, angled

PVC, grey, LiYY

			3	A	50 V AC / 60 V DC	3	0,25	0,3	SAL-12-RS3-8-RKW3-0,3 / A1	43-11454
								0,6	SAL-12-RS3-8-RKW3-0,6 / A1	43-11455
								1,5	SAL-12-RS3-8-RKW3-1,5 / A1	43-11456
								3	SAL-12-RS3-8-RKW3-3 / A1	43-11457

TPU, UL, halogenfree, black, Li9Y11Y

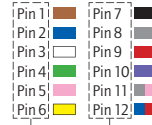
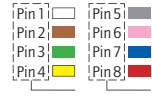
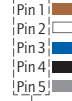
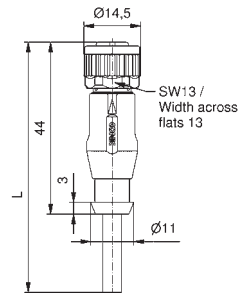
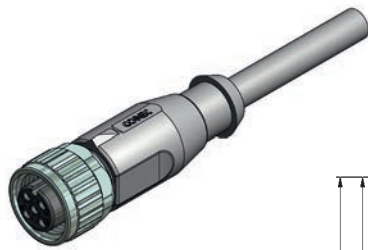
			3	A	50 V AC / 60 V DC	3	0,25	0,3	SAL-12-RS3-8-RKW3-0,3 / K1	43-11458
								0,6	SAL-12-RS3-8-RKW3-0,6 / K1	43-11459
								1,5	SAL-12-RS3-8-RKW3-1,5 / K1	43-11460
								3	SAL-12-RS3-8-RKW3-3 / K1	43-11461

M12x1 CONNECTORS OVERMOULDED 360° shielding

Female connector axial

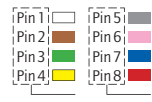
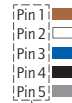
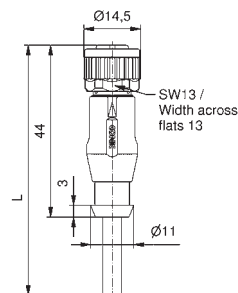
PVC, UL, grey, LiYCY

Contact assignment



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	160	4	2	0,34	SAL-12S-RK4-2 / G3	43-10336
				3		SAL-12S-RK4-3 / G3	43-10337
				5		SAL-12S-RK4-5 / G3	43-10338
				10		SAL-12S-RK4-10 / G3	43-10339
5	A	60	4	2	0,25	SAL-12S-RK5.1-2 / G3	43-10344
				3		SAL-12S-RK5.1-3 / G3	43-10345
				5		SAL-12S-RK5.1-5 / G3	43-10346
				10		SAL-12S-RK5.1-10 / G3	43-10347
8	A	30	2	2	0,25	SAL-12S-RK8-2 / G3	43-10972
				3		SAL-12S-RK8-3 / G3	43-10973
				5		SAL-12S-RK8-5 / G3	43-10974
				10		SAL-12S-RK8-10 / G3	43-10975
12	A	30	1,5	2	0,14	SAL-12S-RK12-2 / G3	43-11280
				3		SAL-12S-RK12-3 / G3	43-11281
				5		SAL-12S-RK12-5 / G3	43-11282
				10		SAL-12S-RK12-10 / G3	43-11283

TPU, UL, halogenfree, black, Li9YC11Y



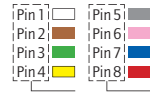
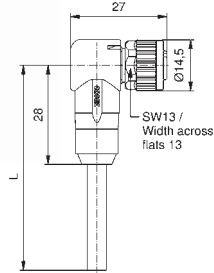
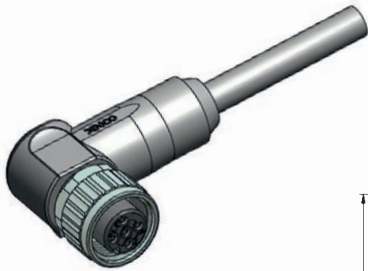
4	A	160	4	2	0,34	SAL-12S-RK4-2 / G2	43-10340
				3		SAL-12S-RK4-3 / G2	43-10341
				5		SAL-12S-RK4-5 / G2	43-10342
				10		SAL-12S-RK4-10 / G2	43-10343
5	A	60	4	2	0,25	SAL-12S-RK5.1-2 / G2	43-10348
				3		SAL-12S-RK5.1-3 / G2	43-10349
				5		SAL-12S-RK5.1-5 / G2	43-10350
				10		SAL-12S-RK5.1-10 / G2	43-10351
8	A	30	2	2	0,25	SAL-12S-RK8-2 / G2	43-10976
				3		SAL-12S-RK8-3 / G2	43-10977
				5		SAL-12S-RK8-5 / G2	43-10978
				10		SAL-12S-RK8-10 / G2	43-10979
12	A	30	1,5	2	0,14	SAL-12S-RK12-2 / G2	43-11284
				3		SAL-12S-RK12-3 / G2	43-11285
				5		SAL-12S-RK12-5 / G2	43-11286
				10		SAL-12S-RK12-10 / G2	43-11287

M12x1 CONNECTORS OVERMOULDED 360° shielding

Female connector angled

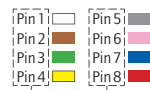
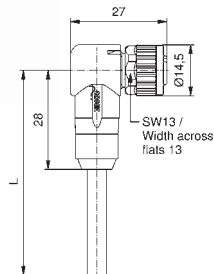
PVC, UL, grey, LiYCY

Contact assignment



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	160	4	2	0,34	SAL-12S-RKW4-2 / G3	43-12415
				3		SAL-12S-RKW4-3 / G3	43-12416
				5		SAL-12S-RKW4-5 / G3	43-12417
				10		SAL-12S-RKW4-10 / G3	43-12418
5	A	60	4	2	0,25	SAL-12S-RKW5.1-2 / G3	43-12423
				3		SAL-12S-RKW5.1-3 / G3	43-12424
				5		SAL-12S-RKW5.1-5 / G3	43-12425
				10		SAL-12S-RKW5.1-10 / G3	43-12426
8	A	30	2	2	0,25	SAL-12S-RKW8-2 / G3	43-12431
				3		SAL-12S-RKW8-3 / G3	43-12432
				5		SAL-12S-RKW8-5 / G3	43-12433
				10		SAL-12S-RKW8-10 / G3	43-12434

TPU, UL, halogenfree, black, Li9YC11Y



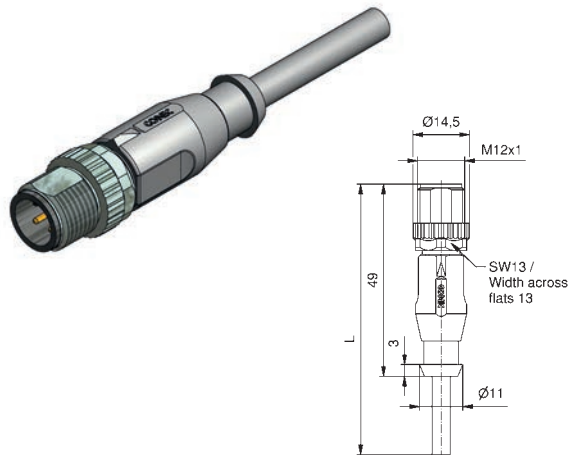
4	A	160	4	2	0,34	SAL-12S-RKW4-2 / G2	43-12419
				3		SAL-12S-RKW4-3 / G2	43-12420
				5		SAL-12S-RKW4-5 / G2	43-12421
				10		SAL-12S-RKW4-10 / G2	43-12422
5	A	60	4	2	0,25	SAL-12S-RKW5.1-2 / G2	43-12427
				3		SAL-12S-RKW5.1-3 / G2	43-12428
				5		SAL-12S-RKW5.1-5 / G2	43-12429
				10		SAL-12S-RKW5.1-10 / G2	43-12430
8	A	30	2	2	0,25	SAL-12S-RKW8-2 / G2	43-12435
				3		SAL-12S-RKW8-3 / G2	43-12436
				5		SAL-12S-RKW8-5 / G2	43-12437
				10		SAL-12S-RKW8-10 / G2	43-12438

M12x1 CONNECTORS OVERMOULDED 360° shielding

Male connector axial

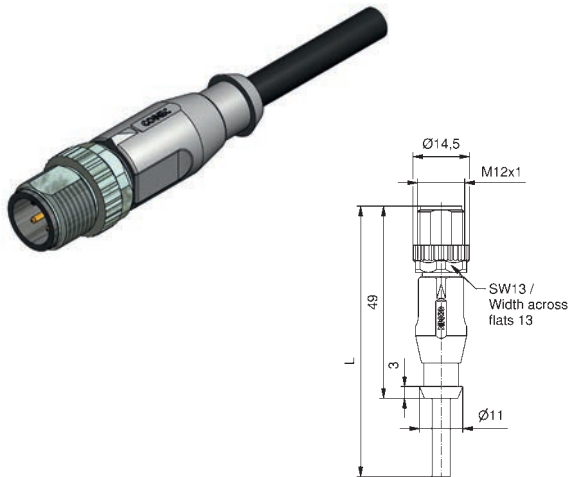
PVC, UL, grey, LiYCY

Contact assignment



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	160	4	2	0,34	SAL-12S-RS4-2 / G3	43-10352
				3		SAL-12S-RS4-3 / G3	43-10353
				5		SAL-12S-RS4-5 / G3	43-10354
				10		SAL-12S-RS4-10 / G3	43-10355
5	A	60	4	2	0,25	SAL-12S-RS5.1-2 / G3	43-10360
				3		SAL-12S-RS5.1-3 / G3	43-10361
				5		SAL-12S-RS5.1-5 / G3	43-10362
				10		SAL-12S-RS5.1-10 / G3	43-10363
8	A	30	2	2	0,25	SAL-12S-RS8-2 / G3	43-10980
				3		SAL-12S-RS8-3 / G3	43-10981
				5		SAL-12S-RS8-5 / G3	43-10982
				10		SAL-12S-RS8-10 / G3	43-10983
12	A	30	1,5	2	0,14	SAL-12S-RS12-2 / G3	43-11288
				3		SAL-12S-RS12-3 / G3	43-11289
				5		SAL-12S-RS12-5 / G3	43-11290
				10		SAL-12S-RS12-10 / G3	43-11291

TPU, UL, halogenfree, black, Li9YC11Y



4	A	160	4	2	0,34	SAL-12S-RS4-2 / G2	43-10356
				3		SAL-12S-RS4-3 / G2	43-10357
				5		SAL-12S-RS4-5 / G2	43-10358
				10		SAL-12S-RS4-10 / G2	43-10359
5	A	60	4	2	0,25	SAL-12S-RS5.1-2 / G2	43-10364
				3		SAL-12S-RS5.1-3 / G2	43-10365
				5		SAL-12S-RS5.1-5 / G2	43-10366
				10		SAL-12S-RS5.1-10 / G2	43-10367
8	A	30	2	2	0,25	SAL-12S-RS8-2 / G2	43-10984
				3		SAL-12S-RS8-3 / G2	43-10985
				5		SAL-12S-RS8-5 / G2	43-10986
				10		SAL-12S-RS8-10 / G2	43-10987
12	A	30	1,5	2	0,14	SAL-12S-RS12-2 / G2	43-11292
				3		SAL-12S-RS12-3 / G2	43-11293
				5		SAL-12S-RS12-5 / G2	43-11294
				10		SAL-12S-RS12-10 / G2	43-11295

M12x1 CONNECTORS OVERMOULDED 360° shielding

Male connector angled

PVC, UL, grey, LiYCY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	160	4	2	0,34	SAL-12S-RSW4-2/G3/A1090	43-14852
				3		SAL-12S-RSW4-3/G3/A1090	43-14853
				5		SAL-12S-RSW4-5/G3/A1090	43-14854
				10		SAL-12S-RSW4-10/G3/A1090	43-14855
5	A	60	4	2	0,25	SAL-12S-RSW5.1-2/G3/A1090	43-14860
				3		SAL-12S-RSW5.1-3/G3/A1090	43-14861
				5		SAL-12S-RSW5.1-5/G3/A1090	43-14862
				10		SAL-12S-RSW5.1-10/G3/A1090	43-14863
8	A	30	2	2	0,25	SAL-12S-RSW8-2/G3/A1090	43-14868
				3		SAL-12S-RSW8-3/G3/A1090	43-14869
				5		SAL-12S-RSW8-5/G3/A1090	43-14870
				10		SAL-12S-RSW8-10/G3/A1090	43-14871

TPU, UL, halogenfree, black, Li9YC11Y

4	A	160	4	2	0,34	SAL-12S-RSW4-2/G2/A1090	43-14856
				3		SAL-12S-RSW4-3/G2/A1090	43-14857
				5		SAL-12S-RSW4-5/G2/A1090	43-14858
				10		SAL-12S-RSW4-10/G2/A1090	43-14859
5	A	60	4	2	0,25	SAL-12S-RSW5.1-2/G2/A1090	43-14864
				3		SAL-12S-RSW5.1-3/G2/A1090	43-14865
				5		SAL-12S-RSW5.1-5/G2/A1090	43-14866
				10		SAL-12S-RSW5.1-10/G2/A1090	43-14867
8	A	30	2	2	0,25	SAL-12S-RSW8-2/G2/A1090	43-14872
				3		SAL-12S-RSW8-3/G2/A1090	43-14873
				5		SAL-12S-RSW8-5/G2/A1090	43-14874
				10		SAL-12S-RSW8-10/G2/A1090	43-14875

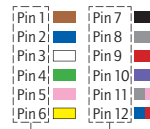
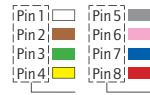
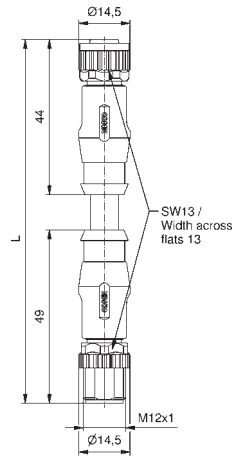
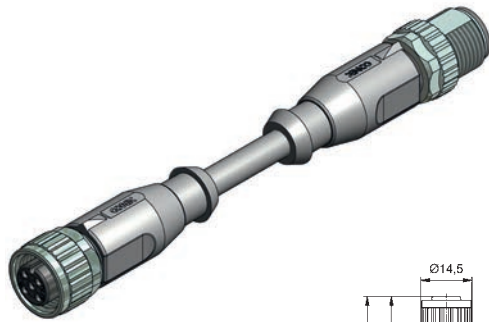
M12x1 CONNECTORS OVERMOULDED

Connecting cable with 360° shielding

Female connector axial
Male connector axial

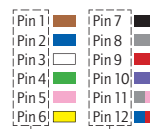
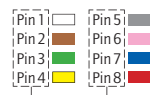
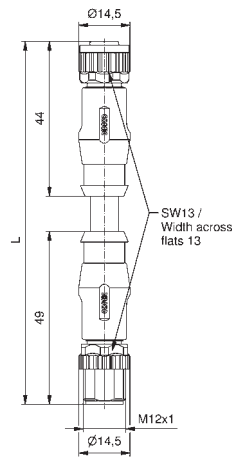
PVC, UL, grey, LiYCY

Contact assignment



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm²]	Description	Part No.
4	A	160	4	0,34	0,3	SAL-12S-RK4-RS4-0,3 / G3	43-10812
					0,6	SAL-12S-RK4-RS4-0,6 / G3	43-10813
					1,5	SAL-12S-RK4-RS4-1,5 / G3	43-10814
					3	SAL-12S-RK4-RS4-3 / G3	43-10815
5	A	60	4	0,25	0,3	SAL-12S-RK5.1-RS5.1-0,3 / G3	43-10824
					0,6	SAL-12S-RK5.1-RS5.1-0,6 / G3	43-10825
					1,5	SAL-12S-RK5.1-RS5.1-1,5 / G3	43-10826
					3	SAL-12S-RK5.1-RS5.1-3 / G3	43-10827
8	A	30	2	0,25	0,3	SAL-12S-RK8-RS8-0,3 / G3	43-10988
					0,6	SAL-12S-RK8-RS8-0,6 / G3	43-10989
					1,5	SAL-12S-RK8-RS8-1,5 / G3	43-10990
					3	SAL-12S-RK8-RS8-3 / G3	43-10991
12	A	30	1,5	0,14	0,3	SAL-12S-RK12-RS12-0,3 / G3	43-15284
					0,6	SAL-12S-RK12-RS12-0,6 / G3	43-15285
					1,5	SAL-12S-RK12-RS12-1,5 / G3	43-15286
					3	SAL-12S-RK12-RS12-3 / G3	43-15287

TPU, UL, halogenfree, black, Li9YC11Y



4	A	160	4	0,34	0,3	SAL-12S-RK4-RS4-0,3 / G2	43-10820
					0,6	SAL-12S-RK4-RS4-0,6 / G2	43-10821
					1,5	SAL-12S-RK4-RS4-1,5 / G2	43-10822
					3	SAL-12S-RK4-RS4-3 / G2	43-10823
5	A	60	4	0,25	0,3	SAL-12S-RK5.1-RS5.1-0,3 / G2	43-10832
					0,6	SAL-12S-RK5.1-RS5.1-0,6 / G2	43-10833
					1,5	SAL-12S-RK5.1-RS5.1-1,5 / G2	43-10834
					3	SAL-12S-RK5.1-RS5.1-3 / G2	43-10835
8	A	30	2	0,25	0,3	SAL-12S-RK8-RS8-0,3 / G2	43-10992
					0,6	SAL-12S-RK8-RS8-0,6 / G2	43-10993
					1,5	SAL-12S-RK8-RS8-1,5 / G2	43-10994
					3	SAL-12S-RK8-RS8-3 / G2	43-10995
12	A	30	1,5	0,14	0,3	SAL-12S-RK12-RS12-0,3 / G2	43-15288
					0,6	SAL-12S-RK12-RS12-0,6 / G2	43-15289
					1,5	SAL-12S-RK12-RS12-1,5 / G2	43-15290
					3	SAL-12S-RK12-RS12-3 / G2	43-15031

M12x1 CONNECTORS OVERMOULDED C-coding

Female connector axial

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	C	250	4	2	0,34	SAL-12C-RK2PE-2/A1	43-15297
				3		SAL-12C-RK2PE-3/A1	43-15298
				5		SAL-12C-RK2PE-5/A1	43-15299
				10		SAL-12C-RK2PE-10/A1	43-15300
3+PE	C	250	4	2	0,34	SAL-12C-RK3PE-2/A1	43-15305
				3		SAL-12C-RK3PE-3/A1	43-15306
				5		SAL-12C-RK3PE-5/A1	43-15307
				10		SAL-12C-RK3PE-10/A1	43-15308

TPU, UL, halogenfree, black, Li9Y11Y

2+PE	C	250	4	2	0,34	SAL-12C-RK2PE-2/K1	43-15301
				3		SAL-12C-RK2PE-3/K1	43-15302
				5		SAL-12C-RK2PE-5/K1	43-15303
				10		SAL-12C-RK2PE-10/K1	43-15304
3+PE	C	250	4	2	0,34	SAL-12C-RK3PE-2/K1	43-15309
				3		SAL-12C-RK3PE-3/K1	43-15310
				5		SAL-12C-RK3PE-5/K1	43-15311
				10		SAL-12C-RK3PE-10/K1	43-15312

Female connector angled

PVC, grey, LiYY

2+PE	C	250	4	2	0,34	SAL-12C-RKW2PE-2/A1	43-15313
				3		SAL-12C-RKW2PE-3/A1	43-15314
				5		SAL-12C-RKW2PE-5/A1	43-15315
				10		SAL-12C-RKW2PE-10/A1	43-15316
3+PE	C	250	4	2	0,34	SAL-12C-RKW3PE-2/A1	43-15321
				3		SAL-12C-RKW3PE-3/A1	43-15322
				5		SAL-12C-RKW3PE-5/A1	43-15323
				10		SAL-12C-RKW3PE-10/A1	43-15324

TPU, UL, halogenfree, black, Li9Y11Y

2+PE	C	250	4	2	0,34	SAL-12C-RKW2PE-2/K1	43-15317
				3		SAL-12C-RKW2PE-3/K1	43-15318
				5		SAL-12C-RKW2PE-5/K1	43-15319
				10		SAL-12C-RKW2PE-10/K1	43-15320
3+PE	C	250	4	2	0,34	SAL-12C-RKW3PE-2/K1	43-15325
				3		SAL-12C-RKW3PE-3/K1	43-15326
				5		SAL-12C-RKW3PE-5/K1	43-15327
				10		SAL-12C-RKW3PE-10/K1	43-15328

M12x1 CONNECTORS OVERMOULDED C-coding

Male connector axial

PVC, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	C	250	4	0,34	2	SAL-12C-RS2PE-2 / A1	43-15261
					3	SAL-12C-RS2PE-3 / A1	43-15262
					5	SAL-12C-RS2PE-5 / A1	43-15263
					10	SAL-12C-RS2PE-10 / A1	43-15264

TPU, UL, halogenfree, black, Li9Y11Y

2+PE	C	250	4	0,34	2	SAL-12C-RS2PE-2 / K1	43-15265
					3	SAL-12C-RS2PE-3 / K1	43-15266
					5	SAL-12C-RS2PE-5 / K1	43-15267
					10	SAL-12C-RS2PE-10 / K1	43-15268

Male connector angled

PVC, grey, LiYY

2+PE	C	250	4	0,34	2	SAL-12C-RWS2PE-2 / A1 / A1090	43-15269
					3	SAL-12C-RWS2PE-3 / A1 / A1090	43-15270
					5	SAL-12C-RWS2PE-5 / A1 / A1090	43-15271
					10	SAL-12C-RWS2PE-10 / A1 / A1090	43-15272

TPU, UL, halogenfree, black, Li9Y11Y

2+PE	C	250	4	0,34	2	SAL-12C-RWS2PE-2 / K1 / A1090	43-15273
					3	SAL-12C-RWS2PE-3 / K1 / A1090	43-15274
					5	SAL-12C-RWS2PE-5 / K1 / A1090	43-15275
					10	SAL-12C-RWS2PE-10 / K1 / A1090	43-15276

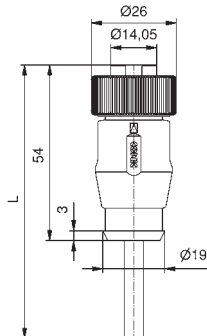
7/8" CONNECTORS OVERMOULDED

Wire cross section 0.75 mm²

Female connector axial

PVC, UL, grey, LiYY

Contact assignment



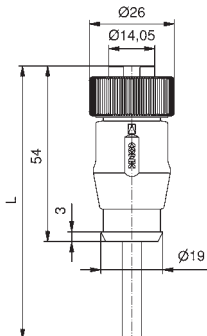
PE
Pin 2
Pin 3

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	8	0,75	2	SAL-7/8-RK2PE-2/A6	41-01000
					3	SAL-7/8-RK2PE-3/A6	41-01001
					5	SAL-7/8-RK2PE-5/A6	41-01002
					10	SAL-7/8-RK2PE-10/A6	41-01003
4	A	300	8	0,75	2	SAL-7/8-RK4-2/A3	41-01032
					3	SAL-7/8-RK4-3/A3	41-01033
					5	SAL-7/8-RK4-5/A3	41-01034
					10	SAL-7/8-RK4-10/A3	41-01035
4+PE	A	300	8	0,75	2	SAL-7/8-RK4PE-2/A3	41-01064
					3	SAL-7/8-RK4PE-3/A3	41-01065
					5	SAL-7/8-RK4PE-5/A3	41-01066
					10	SAL-7/8-RK4PE-10/A3	41-01067

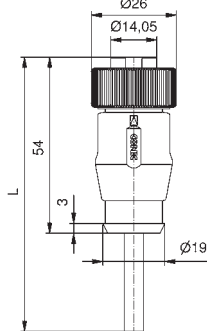
TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE
Pin 2
Pin 3

2+PE	A	300	8	0,75	2	SAL-7/8-RK2PE-2/K0	41-01004
					3	SAL-7/8-RK2PE-3/K0	41-01005
					5	SAL-7/8-RK2PE-5/K0	41-01006
					10	SAL-7/8-RK2PE-10/K0	41-01007

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

4	A	300	8	0,75	2	SAL-7/8-RK4-2/K1	41-01036
					3	SAL-7/8-RK4-3/K1	41-01037
					5	SAL-7/8-RK4-5/K1	41-01038
					10	SAL-7/8-RK4-10/K1	41-01039
4+PE	A	300	8	0,75	2	SAL-7/8-RK4PE-2/K1	41-01068
					3	SAL-7/8-RK4PE-3/K1	41-01069
					5	SAL-7/8-RK4PE-5/K1	41-01070
					10	SAL-7/8-RK4PE-10/K1	41-01071

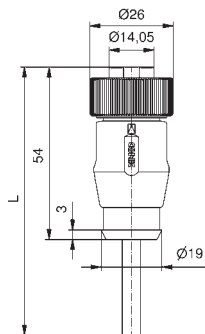
7/8" CONNECTORS OVERMOULDED

Wire cross section 1.5 mm²

Female connector axial

PVC, UL, grey, LiYY

Contact assignment



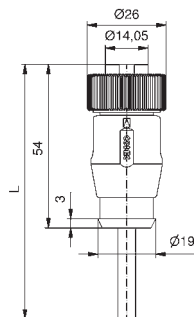
PE
Pin 2
Pin 3

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	10	2	1,5	SAL-7/8-RK2PE-2/A6/150	41-01097
				3		SAL-7/8-RK2PE-3/A6/150	41-01098
				5		SAL-7/8-RK2PE-5/A6/150	41-01099
				10		SAL-7/8-RK2PE-10/A6/150	41-01100
4	A	300	10	2	1,5	SAL-7/8-RK4-2/A3/150	41-01129
				3		SAL-7/8-RK4-3/A3/150	41-01130
				5		SAL-7/8-RK4-5/A3/150	41-01131
				10		SAL-7/8-RK4-10/A3/150	41-01132
4+PE	A	300	10	2	1,5	SAL-7/8-RK4PE-2/A3/150	41-01161
				3		SAL-7/8-RK4PE-3/A3/150	41-01162
				5		SAL-7/8-RK4PE-5/A3/150	41-01163
				10		SAL-7/8-RK4PE-10/A3/150	41-01164

TPU, UL, halogenfree, highflexible, black, Li9Y11Y



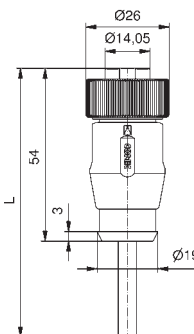
PE
Pin 2
Pin 3

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

2+PE	A	300	10	2	1,5	SAL-7/8-RK2PE-2/K0/150	41-01101
				3		SAL-7/8-RK2PE-3/K0/150	41-01102
				5		SAL-7/8-RK2PE-5/K0/150	41-01103
				10		SAL-7/8-RK2PE-10/K0/150	41-01104

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

4	A	300	10	2	1,5	SAL-7/8-RK4-2/K1/150	41-01133
				3		SAL-7/8-RK4-3/K1/150	41-01134
				5		SAL-7/8-RK4-5/K1/150	41-01135
				10		SAL-7/8-RK4-10/K1/150	41-01136
4+PE	A	300	10	2	1,5	SAL-7/8-RK4PE-2/K1/150	41-01165
				3		SAL-7/8-RK4PE-3/K1/150	41-01166
				5		SAL-7/8-RK4PE-5/K1/150	41-01167
				10		SAL-7/8-RK4PE-10/K1/150	41-01168

7/8" CONNECTORS OVERMOULDED

Wire cross section 2.5 mm²

Female connector axial

PVC, UL, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	16	2	2,5	SAL-7/8-RK2PE-2/A6/250	41-01628
				3		SAL-7/8-RK2PE-3/A6/250	41-01629
				5		SAL-7/8-RK2PE-5/A6/250	41-01630
				10		SAL-7/8-RK2PE-10/A6/250	41-01631
4+PE	A	300	16	2	2,5	SAL-7/8-RK4PE-2/A6/250	41-01660
				3		SAL-7/8-RK4PE-3/A6/250	41-01661
				5		SAL-7/8-RK4PE-5/A6/250	41-01662
				10		SAL-7/8-RK4PE-10/A6/250	41-01663

TPU, UL, halogenfree, highflexible, black, Li9Y11Y

2+PE	A	300	16	2	2,5	SAL-7/8-RK2PE-2/K0/250	41-01632
				3		SAL-7/8-RK2PE-3/K0/250	41-01633
				5		SAL-7/8-RK2PE-5/K0/250	41-01634
				10		SAL-7/8-RK2PE-10/K0/250	41-01635
4+PE	A	300	16	2	2,5	SAL-7/8-RK4PE-2/K0/250	41-01664
				3		SAL-7/8-RK4PE-3/K0/250	41-01665
				5		SAL-7/8-RK4PE-5/K0/250	41-01666
				10		SAL-7/8-RK4PE-10/K0/250	41-01667

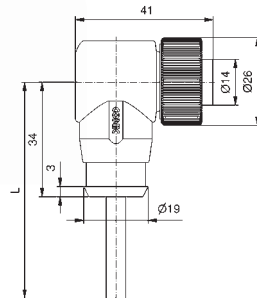
7/8" CONNECTORS OVERMOULDED

Wire cross section 0.75 mm²

Female connector angled

PVC, UL, grey, LiYY

Contact assignment



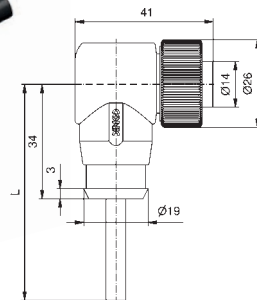
PE
Pin 2
Pin 3

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	8	2	0,75	SAL-7/8-RKW2PE-2/A6	41-01016
				3		SAL-7/8-RKW2PE-3/A6	41-01017
				5		SAL-7/8-RKW2PE-5/A6	41-01018
				10		SAL-7/8-RKW2PE-10/A6	41-01019
4	A	300	8	2	0,75	SAL-7/8-RKW4-2/A3	41-01048
				3		SAL-7/8-RKW4-3/A3	41-01049
				5		SAL-7/8-RKW4-5/A3	41-01050
				10		SAL-7/8-RKW4-10/A3	41-01051
4+PE	A	300	8	2	0,75	SAL-7/8-RKW4PE-2/A3	41-01080
				3		SAL-7/8-RKW4PE-3/A3	41-01081
				5		SAL-7/8-RKW4PE-5/A3	41-01082
				10		SAL-7/8-RKW4PE-10/A3	41-01083

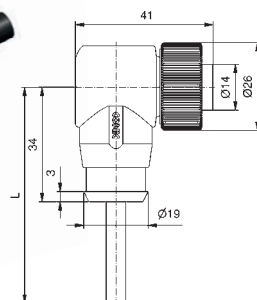
TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE
Pin 2
Pin 3

2+PE	A	300	8	2	0,75	SAL-7/8-RKW2PE-2/K0	41-01020
				3		SAL-7/8-RKW2PE-3/K0	41-01021
				5		SAL-7/8-RKW2PE-5/K0	41-01022
				10		SAL-7/8-RKW2PE-10/K0	41-01023

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

4	A	300	8	2	0,75	SAL-7/8-RKW4-2/K1	41-01052
				3		SAL-7/8-RKW4-3/K1	41-01053
				5		SAL-7/8-RKW4-5/K1	41-01054
				10		SAL-7/8-RKW4-10/K1	41-01055
4+PE	A	300	8	2	0,75	SAL-7/8-RKW4PE-2/K1	41-01084
				3		SAL-7/8-RKW4PE-3/K1	41-01085
				5		SAL-7/8-RKW4PE-5/K1	41-01086
				10		SAL-7/8-RKW4PE-10/K1	41-01087

7/8" CONNECTORS OVERMOULDED

Wire cross section 1.5 mm²

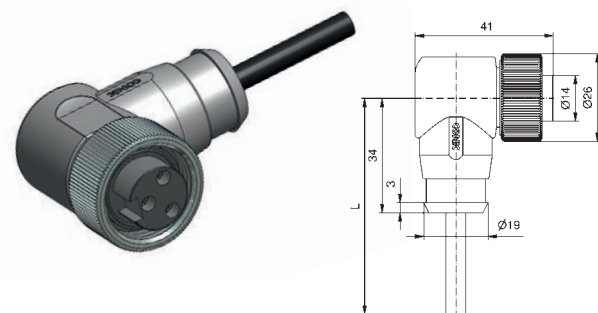
Female connector angled

PVC, UL, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	10	2	1,5	SAL-7/8-RKW2PE-2/A6/150	41-01113
				3		SAL-7/8-RKW2PE-3/A6/150	41-01114
				5		SAL-7/8-RKW2PE-5/A6/150	41-01115
				10		SAL-7/8-RKW2PE-10/A6/150	41-01116
4	A	300	10	2	1,5	SAL-7/8-RKW4-2/A3/150	41-01145
				3		SAL-7/8-RKW4-3/A3/150	41-01146
				5		SAL-7/8-RKW4-5/A3/150	41-01147
				10		SAL-7/8-RKW4-10/A3/150	41-01148
4+PE	A	300	10	2	1,5	SAL-7/8-RKW4PE-2/A3/150	41-01177
				3		SAL-7/8-RKW4PE-3/A3/150	41-01178
				5		SAL-7/8-RKW4PE-5/A3/150	41-01179
				10		SAL-7/8-RKW4PE-10/A3/150	41-01180

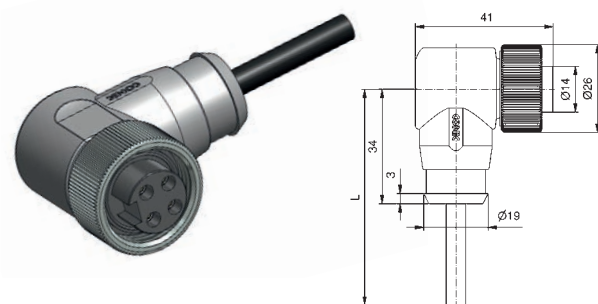
TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE
Pin 2
Pin 3

2+PE	A	300	10	2	1,5	SAL-7/8-RKW2PE-2/K0/150	41-01117
				3		SAL-7/8-RKW2PE-3/K0/150	41-01118
				5		SAL-7/8-RKW2PE-5/K0/150	41-01119
				10		SAL-7/8-RKW2PE-10/K0/150	41-01120

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

4	A	300	10	2	1,5	SAL-7/8-RKW4-2/K1/150	41-01149
				3		SAL-7/8-RKW4-3/K1/150	41-01150
				5		SAL-7/8-RKW4-5/K1/150	41-01151
				10		SAL-7/8-RKW4-10/K1/150	41-01152
4+PE	A	300	10	2	1,5	SAL-7/8-RKW4PE-2/K1/150	41-01181
				3		SAL-7/8-RKW4PE-3/K1/150	41-01182
				5		SAL-7/8-RKW4PE-5/K1/150	41-01183
				10		SAL-7/8-RKW4PE-10/K1/150	41-01184

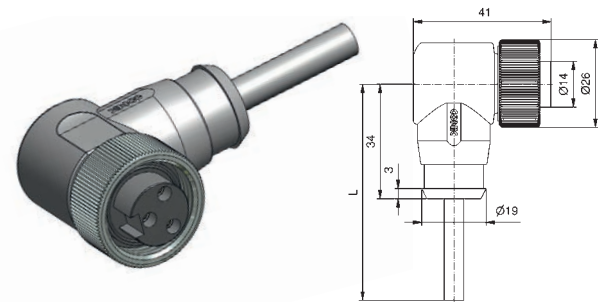
7/8" CONNECTORS OVERMOULDED

Wire cross section 2.5 mm²

Female connector angled

PVC, UL, grey, LiYY

Contact assignment

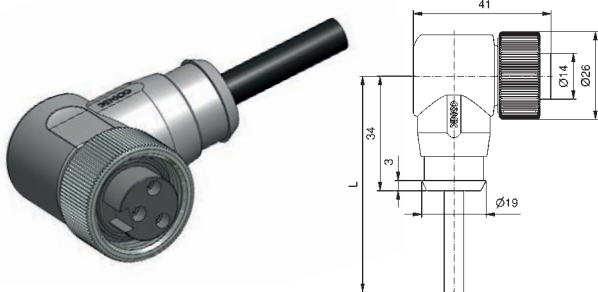


PE ■
Pin 2 ■
Pin 3 ■

Pin 1 ■
Pin 2 ■
PE ■
Pin 4 ■
Pin 5 ■

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	16	2	2,5	SAL-7/8-RKW2PE-2/A6/250	41-01644
				3		SAL-7/8-RKW2PE-3/A6/250	41-01645
				5		SAL-7/8-RKW2PE-5/A6/250	41-01646
				10		SAL-7/8-RKW2PE-10/A6/250	41-01647
4+PE	A	300	16	2	2,5	SAL-7/8-RKW4PE-2/A6/250	41-01676
				3		SAL-7/8-RKW4PE-3/A6/250	41-01677
				5		SAL-7/8-RKW4PE-5/A6/250	41-01678
				10		SAL-7/8-RKW4PE-10/A6/250	41-01679

TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE ■
Pin 2 ■
Pin 3 ■

Pin 1 ■
Pin 2 ■
PE ■
Pin 4 ■
Pin 5 ■

2+PE	A	300	16	2	2,5	SAL-7/8-RKW2PE-2/K0/250	41-01648
				3		SAL-7/8-RKW2PE-3/K0/250	41-01649
				5		SAL-7/8-RKW2PE-5/K0/250	41-01650
				10		SAL-7/8-RKW2PE-10/K0/250	41-01651
4+PE	A	300	16	2	2,5	SAL-7/8-RKW4PE-2/K0/250	41-01680
				3		SAL-7/8-RKW4PE-3/K0/250	41-01681
				5		SAL-7/8-RKW4PE-5/K0/250	41-01682
				10		SAL-7/8-RKW4PE-10/K0/250	41-01683

7/8" CONNECTORS OVERMOULDED

Wire cross section 0.75 mm²

Male connector axial

PVC, UL, grey, LiYY

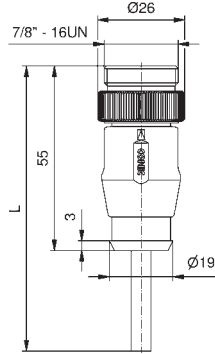
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	8	2	0,75	SAL-7/8-RS2PE-2/A6	41-01008
				3		SAL-7/8-RS2PE-3/A6	41-01009
				5		SAL-7/8-RS2PE-5/A6	41-01010
				10		SAL-7/8-RS2PE-10/A6	41-01011
4	A	300	8	2	0,75	SAL-7/8-RS4-2/A3	41-01040
				3		SAL-7/8-RS4-3/A3	41-01041
				5		SAL-7/8-RS4-5/A3	41-01042
				10		SAL-7/8-RS4-10/A3	41-01043
4+PE	A	300	8	2	0,75	SAL-7/8-RS4PE-2/A3	41-01072
				3		SAL-7/8-RS4PE-3/A3	41-01073
				5		SAL-7/8-RS4PE-5/A3	41-01074
				10		SAL-7/8-RS4PE-10/A3	41-01075

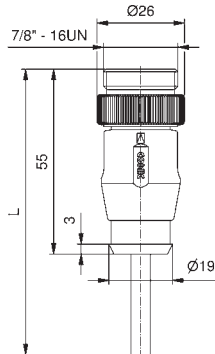
PE 
Pin 2 
Pin 3 

Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
PE 
Pin 4 
Pin 5 



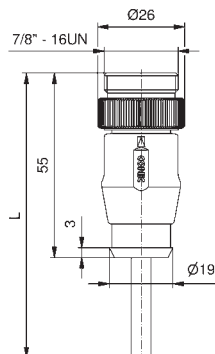
TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE 
Pin 2 
Pin 3 

2+PE	A	300	8	2	0,75	SAL-7/8-RS2PE-2/K0	41-01012
				3		SAL-7/8-RS2PE-3/K0	41-01013
				5		SAL-7/8-RS2PE-5/K0	41-01014
				10		SAL-7/8-RS2PE-10/K0	41-01015

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
PE 
Pin 4 
Pin 5 

4	A	300	8	2	0,75	SAL-7/8-RS4-2/K1	41-01044
				3		SAL-7/8-RS4-3/K1	41-01045
				5		SAL-7/8-RS4-5/K1	41-01046
				10		SAL-7/8-RS4-10/K1	41-01047
4+PE	A	300	8	2	0,75	SAL-7/8-RS4PE-2/K1	41-01076
				3		SAL-7/8-RS4PE-3/K1	41-01077
				5		SAL-7/8-RS4PE-5/K1	41-01078
				10		SAL-7/8-RS4PE-10/K1	41-01079

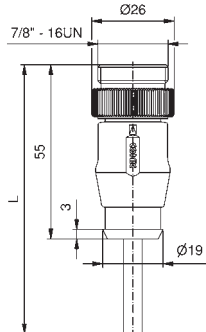
7/8" CONNECTORS OVERMOULDED

Wire cross section 1.5 mm²

Male connector axial

PVC, UL, grey, LiYY

Contact assignment



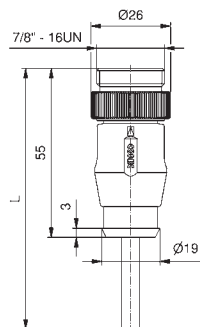
PE
Pin 2
Pin 3

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	10	2	1,5	SAL-7/8-RS2PE-2/A6/150	41-01105
				3		SAL-7/8-RS2PE-3/A6/150	41-01106
				5		SAL-7/8-RS2PE-5/A6/150	41-01107
				10		SAL-7/8-RS2PE-10/A6/150	41-01108
4	A	300	10	2	1,5	SAL-7/8-RS4-2/A3/150	41-01137
				3		SAL-7/8-RS4-3/A3/150	41-01138
				5		SAL-7/8-RS4-5/A3/150	41-01139
				10		SAL-7/8-RS4-10/A3/150	41-01140
4+PE	A	300	10	2	1,5	SAL-7/8-RS4PE-2/A3/150	41-01169
				3		SAL-7/8-RS4PE-3/A3/150	41-01170
				5		SAL-7/8-RS4PE-5/A3/150	41-01171
				10		SAL-7/8-RS4PE-10/A3/150	41-01172

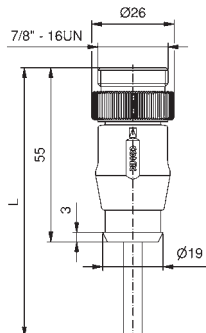
TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE
Pin 2
Pin 3

2+PE	A	300	10	2	1,5	SAL-7/8-RS2PE-2/K0/150	41-01109
				3		SAL-7/8-RS2PE-3/K0/150	41-01110
				5		SAL-7/8-RS2PE-5/K0/150	41-01111
				10		SAL-7/8-RS2PE-10/K0/150	41-01112

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

4	A	300	10	2	1,5	SAL-7/8-RS4-2/K1/150	41-01141
				3		SAL-7/8-RS4-3/K1/150	41-01142
				5		SAL-7/8-RS4-5/K1/150	41-01143
				10		SAL-7/8-RS4-10/K1/150	41-01144
4+PE	A	300	10	2	1,5	SAL-7/8-RS4PE-2/K1/150	41-01173
				3		SAL-7/8-RS4PE-3/K1/150	41-01174
				5		SAL-7/8-RS4PE-5/K1/150	41-01175
				10		SAL-7/8-RS4PE-10/K1/150	41-01176

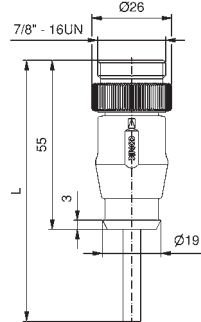
7/8" CONNECTORS OVERMOULDED

Wire cross section 2.5 mm²

Male connector axial

PVC, UL, grey, LiYY

Contact assignment

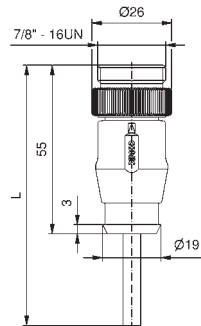


PE
Pin 2
Pin 3

Pin 1
Pin 2
PE
Pin 4
Pin 5

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	16	2	2,5	SAL-7/8-RS2PE-2/A6/250	41-01636
				3		SAL-7/8-RS2PE-3/A6/250	41-01637
				5		SAL-7/8-RS2PE-5/A6/250	41-01638
				10		SAL-7/8-RS2PE-10/A6/250	41-01639
4+PE	A	300	16	2	2,5	SAL-7/8-RS4PE-2/A6/250	41-01668
				3		SAL-7/8-RS4PE-3/A6/250	41-01669
				5		SAL-7/8-RS4PE-5/A6/250	41-01670
				10		SAL-7/8-RS4PE-10/A6/250	41-01671

TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE
Pin 2
Pin 3

Pin 1
Pin 2
PE
Pin 4
Pin 5

2+PE	A	300	16	2	2,5	SAL-7/8-RS2PE-2/K0/250	41-01640
				3		SAL-7/8-RS2PE-3/K0/250	41-01641
				5		SAL-7/8-RS2PE-5/K0/250	41-01642
				10		SAL-7/8-RS2PE-10/K0/250	41-01643
4+PE	A	300	16	2	2,5	SAL-7/8-RS4PE-2/K0/250	41-01672
				3		SAL-7/8-RS4PE-3/K0/250	41-01673
				5		SAL-7/8-RS4PE-5/K0/250	41-01674
				10		SAL-7/8-RS4PE-10/K0/250	41-01675

7/8" CONNECTORS OVERMOULDED

Wire cross section 0.75 mm²

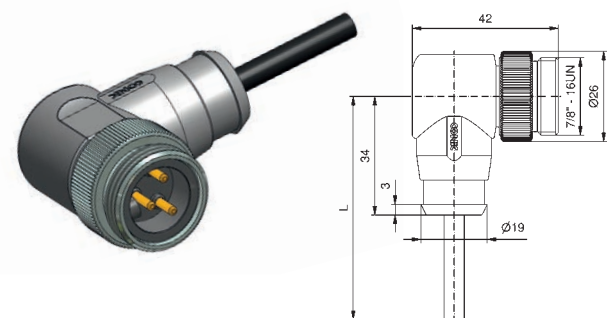
Male connector angled

PVC, UL, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	8	2	0,75	SAL-7/8-RSW2PE-2/A6	41-01024
				3		SAL-7/8-RSW2PE-3/A6	41-01025
				5		SAL-7/8-RSW2PE-5/A6	41-01026
				10		SAL-7/8-RSW2PE-10/A6	41-01027
4	A	300	8	2	0,75	SAL-7/8-RSW4-2/A3	41-01056
				3		SAL-7/8-RSW4-3/A3	41-01057
				5		SAL-7/8-RSW4-5/A3	41-01058
				10		SAL-7/8-RSW4-10/A3	41-01059
4+PE	A	300	8	2	0,75	SAL-7/8-RSW4PE-2/A3	41-01088
				3		SAL-7/8-RSW4PE-3/A3	41-01089
				5		SAL-7/8-RSW4PE-5/A3	41-01090
				10		SAL-7/8-RSW4PE-10/A3	41-01091

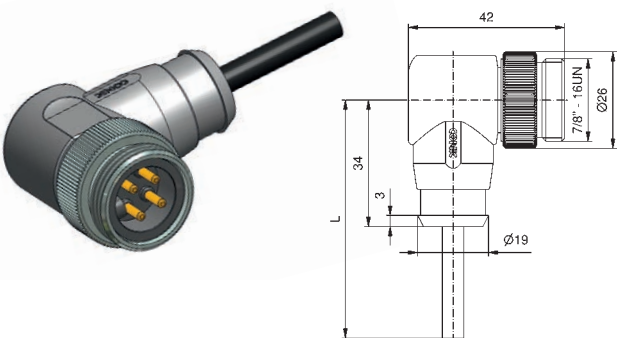
TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE
Pin 2
Pin 3

2+PE	A	300	8	2	0,75	SAL-7/8-RSW2PE-2/K0	41-01028
				3		SAL-7/8-RSW2PE-3/K0	41-01029
				5		SAL-7/8-RSW2PE-5/K0	41-01030
				10		SAL-7/8-RSW2PE-10/K0	41-01031

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

4	A	300	8	2	0,75	SAL-7/8-RSW4-2/K1	41-01060
				3		SAL-7/8-RSW4-3/K1	41-01061
				5		SAL-7/8-RSW4-5/K1	41-01062
				10		SAL-7/8-RSW4-10/K1	41-01063
4+PE	A	300	8	2	0,75	SAL-7/8-RSW4PE-2/K1	41-01092
				3		SAL-7/8-RSW4PE-3/K1	41-01093
				5		SAL-7/8-RSW4PE-5/K1	41-01094
				10		SAL-7/8-RSW4PE-10/K1	41-01095

7/8" CONNECTORS OVERMOULDED

Wire cross section 1.5 mm²

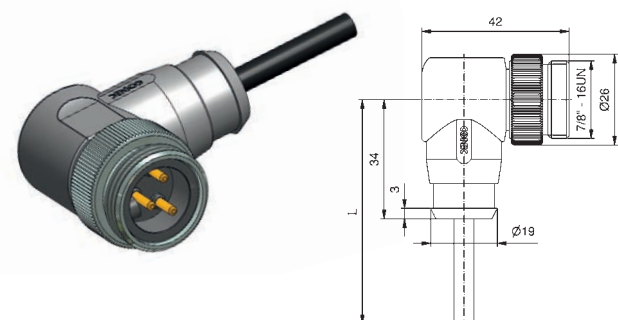
Male connector angled

PVC, UL, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	10	2	1,5	SAL-7/8-RSW2PE-2/A6/150	41-01121
				3		SAL-7/8-RSW2PE-3/A6/150	41-01122
				5		SAL-7/8-RSW2PE-5/A6/150	41-01123
				10		SAL-7/8-RSW2PE-10/A6/150	41-01124
4	A	300	10	2	1,5	SAL-7/8-RSW4-2/A3/150	41-01153
				3		SAL-7/8-RSW4-3/A3/150	41-01154
				5		SAL-7/8-RSW4-5/A3/150	41-01155
				10		SAL-7/8-RSW4-10/A3/150	41-01156
4+PE	A	300	10	2	1,5	SAL-7/8-RSW4PE-2/A3/150	41-01185
				3		SAL-7/8-RSW4PE-3/A3/150	41-01186
				5		SAL-7/8-RSW4PE-5/A3/150	41-01187
				10		SAL-7/8-RSW4PE-10/A3/150	41-01188

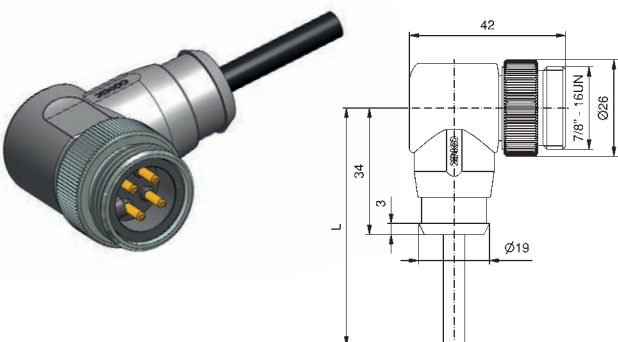
TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE
Pin 2
Pin 3

2+PE	A	300	10	2	1,5	SAL-7/8-RSW2PE-2/K0/150	41-01125
				3		SAL-7/8-RSW2PE-3/K0/150	41-01126
				5		SAL-7/8-RSW2PE-5/K0/150	41-01127
				10		SAL-7/8-RSW2PE-10/K0/150	41-01128

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

4	A	300	10	2	1,5	SAL-7/8-RSW4-2/K1/150	41-01157
				3		SAL-7/8-RSW4-3/K1/150	41-01158
				5		SAL-7/8-RSW4-5/K1/150	41-01159
				10		SAL-7/8-RSW4-10/K1/150	41-01160
4+PE	A	300	10	2	1,5	SAL-7/8-RSW4PE-2/K1/150	41-01189
				3		SAL-7/8-RSW4PE-3/K1/150	41-01190
				5		SAL-7/8-RSW4PE-5/K1/150	41-01191
				10		SAL-7/8-RSW4PE-10/K1/150	41-01192

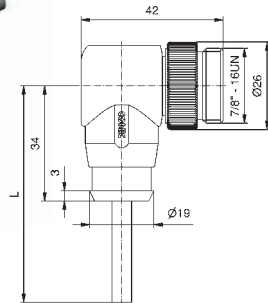
7/8" CONNECTORS OVERMOULDED

Wire cross section 2.5 mm²

Male connector angled

PVC, UL, grey, LiYY

Contact assignment

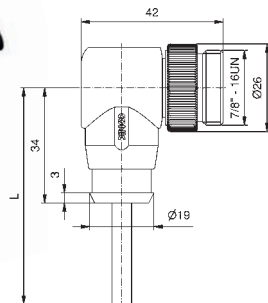


PE
Pin 2
Pin 3

Pin 1
Pin 2
PE
Pin 4
Pin 5

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	16	2	2,5	SAL-7/8-RSW2PE-2/A6/250	41-01652
				3		SAL-7/8-RSW2PE-3/A6/250	41-01653
				5		SAL-7/8-RSW2PE-5/A6/250	41-01654
				10		SAL-7/8-RSW2PE-10/A6/250	41-01655
4+PE	A	300	16	2	2,5	SAL-7/8-RSW4PE-2/A6/250	41-01684
				3		SAL-7/8-RSW4PE-3/A6/250	41-01685
				5		SAL-7/8-RSW4PE-5/A6/250	41-01686
				10		SAL-7/8-RSW4PE-10/A6/250	41-01687

TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE
Pin 2
Pin 3

Pin 1
Pin 2
PE
Pin 4
Pin 5

2+PE	A	300	16	2	2,5	SAL-7/8-RSW2PE-2/K0/250	41-01656
				3		SAL-7/8-RSW2PE-3/K0/250	41-01657
				5		SAL-7/8-RSW2PE-5/K0/250	41-01658
				10		SAL-7/8-RSW2PE-10/K0/250	41-01659
4+PE	A	300	16	2	2,5	SAL-7/8-RSW4PE-2/K0/250	41-01688
				3		SAL-7/8-RSW4PE-3/K0/250	41-01689
				5		SAL-7/8-RSW4PE-5/K0/250	41-01690
				10		SAL-7/8-RSW4PE-10/K0/250	41-01691

7/8" CONNECTORS OVERMOULDED

Connecting cable, wire cross section 0.75 mm²

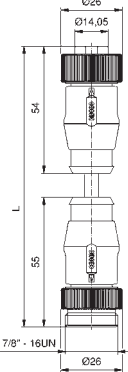
Female connector axial
Male connector axial

PVC, UL, grey, LiYY

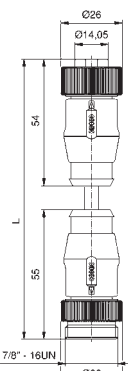
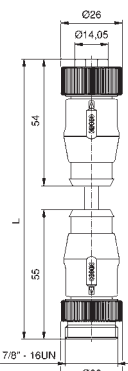
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	8	0,6	0,75	SAL-7/8-RK2PE-RS2PE-0,6/A6	41-01193
				1		SAL-7/8-RK2PE-RS2PE-1/A6	41-01194
				1,5		SAL-7/8-RK2PE-RS2PE-1,5/A6	41-01195
				2		SAL-7/8-RK2PE-RS2PE-2/A6	41-01196
4	A	300	8	0,6	0,75	SAL-7/8-RK4-RS4-0,6/A3	41-01209
				1		SAL-7/8-RK4-RS4-1/A3	41-01210
				1,5		SAL-7/8-RK4-RS4-1,5/A3	41-01211
				2		SAL-7/8-RK4-RS4-2/A3	41-01212
4+PE	A	300	8	0,6	0,75	SAL-7/8-RK4PE-RS4PE-0,6/A3	41-01225
				1		SAL-7/8-RK4PE-RS4PE-1/A3	41-01226
				1,5		SAL-7/8-RK4PE-RS4PE-1,5/A3	41-01227
				2		SAL-7/8-RK4PE-RS4PE-2/A3	41-01228

TPU, UL, halogenfree, highflexible, black, Li9Y11Y

 	PE  Pin 2  Pin 3 	2+PE	A	300	8	0,6	SAL-7/8-RK2PE-RS2PE-0,6/K0	41-01197
						1	SAL-7/8-RK2PE-RS2PE-1/K0	41-01198
						1,5	SAL-7/8-RK2PE-RS2PE-1,5/K0	41-01199
						2	SAL-7/8-RK2PE-RS2PE-2/K0	41-01200

TPU, UL, halogenfree, black, Li9Y11Y

 	Pin 1  Pin 2  Pin 3  Pin 4 	4	A	300	8	0,6	SAL-7/8-RK4-RS4-0,6/K1	41-01213
						1	SAL-7/8-RK4-RS4-1/K1	41-01214
						1,5	SAL-7/8-RK4-RS4-1,5/K1	41-01215
						2	SAL-7/8-RK4-RS4-2/K1	41-01216
 	Pin 1  Pin 2  PE  Pin 4  Pin 5 	4+PE	A	300	8	0,6	SAL-7/8-RK4PE-RS4PE-0,6/K1	41-01229
						1	SAL-7/8-RK4PE-RS4PE-1/K1	41-01230
						1,5	SAL-7/8-RK4PE-RS4PE-1,5/K1	41-01231
						2	SAL-7/8-RK4PE-RS4PE-2/K1	41-01232

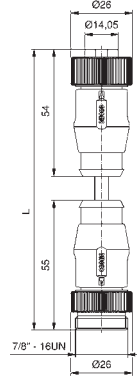
7/8" CONNECTORS OVERMOULDED

Connecting cable, wire cross section 1.5 mm²

Female connector axial
Male connector axial

PVC, UL, grey, LiYY

Contact assignment



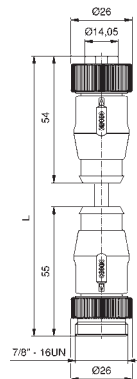
PE 
Pin 2 
Pin 3 

Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
PE 
Pin 4 
Pin 5 

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	10	0,6	1,5	SAL-7/8-RK2PE-RS2PE-0,6/A6/150	41-01241
				1	1,5	SAL-7/8-RK2PE-RS2PE-1/A6/150	41-01242
				1,5	1,5	SAL-7/8-RK2PE-RS2PE-1,5/A6/150	41-01243
				2	1,5	SAL-7/8-RK2PE-RS2PE-2/A6/150	41-01244
4	A	300	10	0,6	1,5	SAL-7/8-RK4-RS4-0,6/A3/150	41-01257
				1	1,5	SAL-7/8-RK4-RS4-1/A3/150	41-01258
				1,5	1,5	SAL-7/8-RK4-RS4-1,5/A3/150	41-01259
				2	1,5	SAL-7/8-RK4-RS4-2/A3/150	41-01260
4+PE	A	300	10	0,6	1,5	SAL-7/8-RK4PE-RS4PE-0,6/A3/150	41-01273
				1	1,5	SAL-7/8-RK4PE-RS4PE-1/A3/150	41-01274
				1,5	1,5	SAL-7/8-RK4PE-RS4PE-1,5/A3/150	41-01275
				2	1,5	SAL-7/8-RK4PE-RS4PE-2/A3/150	41-01276

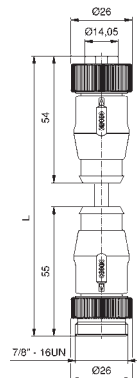
TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE 
Pin 2 
Pin 3 

2+PE	A	300	10	0,6	1,5	SAL-7/8-RK2PE-RS2PE-0,6/K0/150	41-01245
				1	1,5	SAL-7/8-RK2PE-RS2PE-1/K0/150	41-01246
				1,5	1,5	SAL-7/8-RK2PE-RS2PE-1,5/K0/150	41-01247
				2	1,5	SAL-7/8-RK2PE-RS2PE-2/K0/150	41-01248

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
PE 
Pin 4 
Pin 5 

4	A	300	10	0,6	1,5	SAL-7/8-RK4-RS4-0,6/K1/150	41-01261
				1	1,5	SAL-7/8-RK4-RS4-1/K1/150	41-01262
				1,5	1,5	SAL-7/8-RK4-RS4-1,5/K1/150	41-01263
				2	1,5	SAL-7/8-RK4-RS4-2/K1/150	41-01264
4+PE	A	300	10	0,6	1,5	SAL-7/8-RK4PE-RS4PE-0,6/K1/150	41-01277
				1	1,5	SAL-7/8-RK4PE-RS4PE-1/K1/150	41-01278
				1,5	1,5	SAL-7/8-RK4PE-RS4PE-1,5/K1/150	41-01279
				2	1,5	SAL-7/8-RK4PE-RS4PE-2/K1/150	41-01280

7/8" CONNECTORS OVERMOULDED

Connecting cable, wire cross section 2.5 mm²

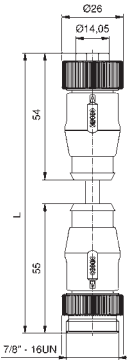
Female connector axial
Male connector axial

PVC, UL, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	16	0,6	2,5	SAL-78-RK2PE-RS2PE-0,6/A6/250	41-01692
				1		SAL-78-RK2PE-RS2PE-1/A6/250	41-01693
				1,5		SAL-78-RK2PE-RS2PE-1,5/A6/250	41-01694
				2		SAL-78-RK2PE-RS2PE-2/A6/250	41-01695
4+PE	A	300	16	0,6	2,5	SAL-78-RK4PE-RS4PE-0,6/A6/250	41-01708
				1		SAL-78-RK4PE-RS4PE-1/A6/250	41-01709
				1,5		SAL-78-RK4PE-RS4PE-1,5/A6/250	41-01710
				2		SAL-78-RK4PE-RS4PE-2/A6/250	41-01711

TPU, UL, halogenfree, highflexible, black, Li9Y11Y

		PE  Pin 2  Pin 3 	2+PE	A	300	16	0,6	2,5	SAL-78-RK2PE-RS2PE-0,6 / K0 / 250	41-01696
							1		SAL-78-RK2PE-RS2PE-1 / K0 / 250	41-01697
							1,5		SAL-78-RK2PE-RS2PE-1,5 / K0 / 250	41-01698
							2		SAL-78-RK2PE-RS2PE-2 / K0 / 250	41-01699
				Pin 1  Pin 2  PE  Pin 4  Pin 5 	4+PE	A	300	16	0,6	2,5
1	SAL-78-RK4PE-RS4PE-1 / K0 / 250								41-01713	
1,5	SAL-78-RK4PE-RS4PE-1,5 / K0 / 250								41-01714	
2	SAL-78-RK4PE-RS4PE-2 / K0 / 250								41-01715	

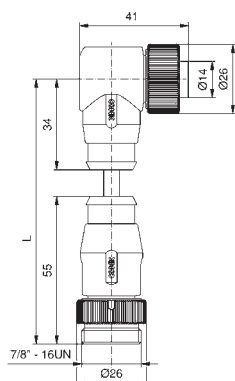
7/8" CONNECTORS OVERMOULDED

Connecting cable, wire cross section 0.75 mm²

Female connector angled
Male connector axial

PVC, UL, grey, LiYY

Contact assignment



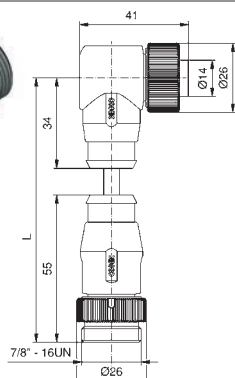
PE ■
Pin 2 ■
Pin 3 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
PE ■
Pin 4 ■
Pin 5 ■

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	8	0,6	0,75	SAL-7/8-RKW2PE-RS2PE-0,6 / A6	41-01201
				1		SAL-7/8-RKW2PE-RS2PE-1 / A6	41-01202
				1,5		SAL-7/8-RKW2PE-RS2PE-1,5 / A6	41-01203
				2		SAL-7/8-RKW2PE-RS2PE-2 / A6	41-01204
4	A	300	8	0,6	0,75	SAL-7/8-RKW4-RS4-0,6 / A3	41-01217
				1		SAL-7/8-RKW4-RS4-1 / A3	41-01218
				1,5		SAL-7/8-RKW4-RS4-1,5 / A3	41-01219
				2		SAL-7/8-RKW4-RS4-2 / A3	41-01220
4+PE	A	300	8	0,6	0,75	SAL-7/8-RKW4PE-RS4PE-0,6 / A3	41-01233
				1		SAL-7/8-RKW4PE-RS4PE-1 / A3	41-01234
				1,5		SAL-7/8-RKW4PE-RS4PE-1,5 / A3	41-01235
				2		SAL-7/8-RKW4PE-RS4PE-2 / A3	41-01236

TPU, UL, halogenfree, highflexible, black, LiY11Y



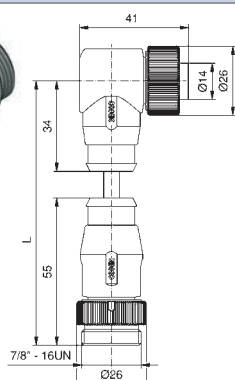
PE ■
Pin 2 ■
Pin 3 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
PE ■
Pin 4 ■
Pin 5 ■

2+PE	A	300	8	0,6	0,75	SAL-7/8-RKW2PE-RS2PE-0,6 / K0	41-01205
				1		SAL-7/8-RKW2PE-RS2PE-1 / K0	41-01206
				1,5		SAL-7/8-RKW2PE-RS2PE-1,5 / K0	41-01207
				2		SAL-7/8-RKW2PE-RS2PE-2 / K0	41-01208

TPU, UL, halogenfree, black, LiY11Y



Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
PE ■
Pin 4 ■
Pin 5 ■

4	A	300	8	0,6	0,75	SAL-7/8-RKW4-RS4-0,6 / K1	41-01221
				1		SAL-7/8-RKW4-RS4-1 / K1	41-01222
				1,5		SAL-7/8-RKW4-RS4-1,5 / K1	41-01223
				2		SAL-7/8-RKW4-RS4-2 / K1	41-01224
4+PE	A	300	8	0,6	0,75	SAL-7/8-RKW4PE-RS4PE-0,6 / K1	41-01237
				1		SAL-7/8-RKW4PE-RS4PE-1 / K1	41-01238
				1,5		SAL-7/8-RKW4PE-RS4PE-1,5 / K1	41-01239
				2		SAL-7/8-RKW4PE-RS4PE-2 / K1	41-01240

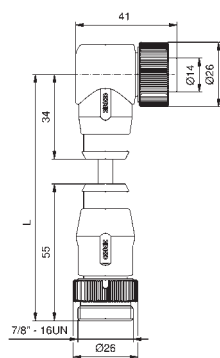
7/8" CONNECTORS OVERMOULDED

Connecting cable, wire cross section 1.5 mm²

Female connector angled
Male connector axial

PVC, UL, grey, LiYY

Contact assignment



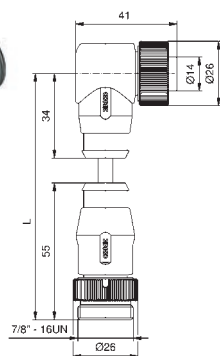
PE
Pin 2
Pin 3

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	10	0,6	1,5	SAL-7/8-RKW2PE-RS2PE-0,6/A6/150	41-01249
				1		SAL-7/8-RKW2PE-RS2PE-1/A6/150	41-01250
				1,5		SAL-7/8-RKW2PE-RS2PE-1,5/A6/150	41-01251
				2		SAL-7/8-RKW2PE-RS2PE-2/A6/150	41-01252
4	A	300	10	0,6	1,5	SAL-7/8-RKW4-RS4-0,6/A3/150	41-01265
				1		SAL-7/8-RKW4-RS4-1/A3/150	41-01266
				1,5		SAL-7/8-RKW4-RS4-1,5/A3/150	41-01267
				2		SAL-7/8-RKW4-RS4-2/A3/150	41-01268
4+PE	A	300	10	0,6	1,5	SAL-7/8-RKW4PE-RS4PE-0,6/A3/150	41-01281
				1		SAL-7/8-RKW4PE-RS4PE-1/A3/150	41-01282
				1,5		SAL-7/8-RKW4PE-RS4PE-1,5/A3/150	41-01283
				2		SAL-7/8-RKW4PE-RS4PE-2/A3/150	41-01284

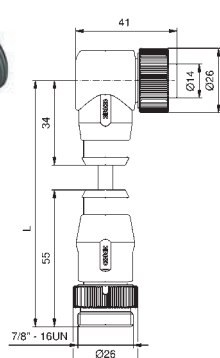
TPU, UL, halogenfree, highflexible, black, Li9Y11Y



PE
Pin 2
Pin 3

2+PE	A	300	10	0,6	1,5	SAL-7/8-RKW2PE-RS2PE-0,6/K0/150	41-01253
				1		SAL-7/8-RKW2PE-RS2PE-1/K0/150	41-01254
				1,5		SAL-7/8-RKW2PE-RS2PE-1,5/K0/150	41-01255
				2		SAL-7/8-RKW2PE-RS2PE-2/K0/150	41-01256

TPU, UL, halogenfree, black, Li9Y11Y



Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
PE
Pin 4
Pin 5

4	A	300	10	0,6	1,5	SAL-7/8-RKW4-RS4-0,6/K1/150	41-01269
				1		SAL-7/8-RKW4-RS4-1/K1/150	41-01270
				1,5		SAL-7/8-RKW4-RS4-1,5/K1/150	41-01271
				2		SAL-7/8-RKW4-RS4-2/K1/150	41-01272
4+PE	A	300	10	0,6	1,5	SAL-7/8-RKW4PE-RS4PE-0,6/K1/150	41-01285
				1		SAL-7/8-RKW4PE-RS4PE-1/K1/150	41-01286
				1,5		SAL-7/8-RKW4PE-RS4PE-1,5/K1/150	41-01287
				2		SAL-7/8-RKW4PE-RS4PE-2/K1/150	41-01288

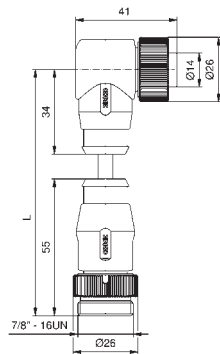
7/8" CONNECTORS OVERMOULDED

Connecting cable, wire cross section 2.5 mm²

Female connector angled
Male connector axial

PVC, UL, grey, LiYY

Contact assignment

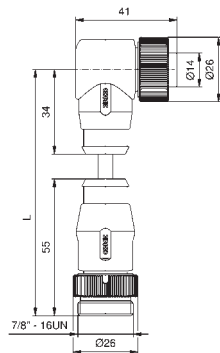


PE 
Pin 2 
Pin 3 

Pin 1 
Pin 2 
PE 
Pin 4 
Pin 5 

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	A	300	16	0,6	2,5	SAL-7/8-RKW2PE-RS2PE-0,6/A6/250	41-01700
				1		SAL-7/8-RKW2PE-RS2PE-1/A6/250	41-01701
				1,5		SAL-7/8-RKW2PE-RS2PE-1,5/A6/250	41-01702
				2		SAL-7/8-RKW2PE-RS2PE-2/A6/250	41-01703
4+PE	A	300	16	0,6	2,5	SAL-7/8-RKW4PE-RS4PE-0,6/A6/250	41-01716
				1		SAL-7/8-RKW4PE-RS4PE-1/A6/250	41-01717
				1,5		SAL-7/8-RKW4PE-RS4PE-1,5/A6/250	41-01718
				2		SAL-7/8-RKW4PE-RS4PE-2/A6/250	41-01719

TPU, UL, halogenfree, black, Li9Y11Y



PE 
Pin 2 
Pin 3 

Pin 1 
Pin 2 
PE 
Pin 4 
Pin 5 

2+PE	A	300	16	0,6	2,5	SAL-7/8-RKW2PE-RS2PE-0,6/K0/250	41-01704
				1		SAL-7/8-RKW2PE-RS2PE-1/K0/250	41-01705
				1,5		SAL-7/8-RKW2PE-RS2PE-1,5/K0/250	41-01706
				2		SAL-7/8-RKW2PE-RS2PE-2/K0/250	41-01707
4+PE	A	300	16	0,6	2,5	SAL-7/8-RKW4PE-RS4PE-0,6/K0/250	41-01720
				1		SAL-7/8-RKW4PE-RS4PE-1/K0/250	41-01721
				1,5		SAL-7/8-RKW4PE-RS4PE-1,5/K0/250	41-01722
				2		SAL-7/8-RKW4PE-RS4PE-2/K0/250	41-01723

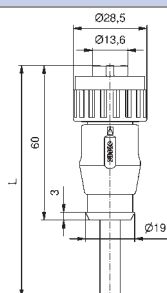
RUND24 CONNECTORS OVERMOULDED

Female connector axial

PVC, UL, grey, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3+PE	A	300	13	2	1,5	SAL-24-RK3PE-2/A3	41-51000
				3		SAL-24-RK3PE-3/A3	41-51001
				5		SAL-24-RK3PE-5/A3	41-51002
				10		SAL-24-RK3PE-10/A3	41-51003

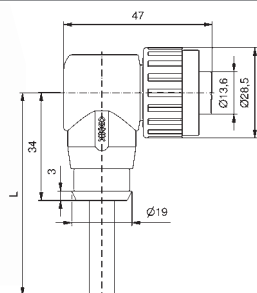


Pin 1
Pin 2
Pin 3
PE

Female connector angled

PVC, UL, grey, LiYY

3+PE	A	300	13	2	1,5	SAL-24-RKW3PE-2/A3	41-51008
				3		SAL-24-RKW3PE-3/A3	41-51009
				5		SAL-24-RKW3PE-5/A3	41-51010
				10		SAL-24-RKW3PE-10/A3	41-51011

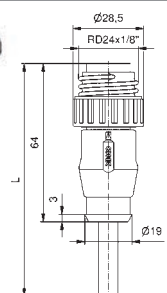


Pin 1
Pin 2
Pin 3
PE

Male connector axial

PVC, UL, grey, LiYY

3+PE	A	300	13	2	1,5	SAL-24-RS3PE-2/A3	41-51004
				3		SAL-24-RS3PE-3/A3	41-51005
				5		SAL-24-RS3PE-5/A3	41-51006
				10		SAL-24-RS3PE-10/A3	41-51007

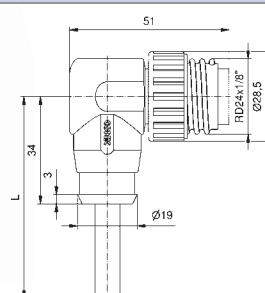


Pin 1
Pin 2
Pin 3
PE

Male connector angled

PVC, UL, grey, LiYY

3+PE	A	300	13	2	1,5	SAL-24-RSW3PE-2/A3	41-51012
				3		SAL-24-RSW3PE-3/A3	41-51013
				5		SAL-24-RSW3PE-5/A3	41-51014
				10		SAL-24-RSW3PE-10/A3	41-51015

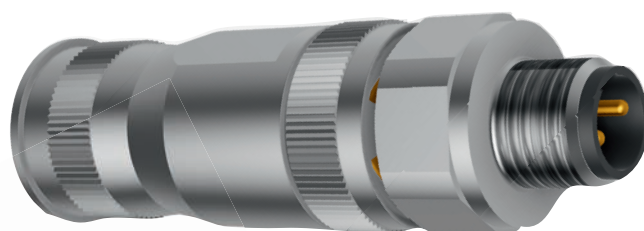


Pin 1
Pin 2
Pin 3
PE

SECTION 2

CONNECTORS FIELD ATTACHABLE





SAL M8x1 CONNECTORS FIELD ATTACHABLE

Nomenclature

	S	A	L	-	8	-	R	K	W	C	4	-	L	5,5
SAL Sensor Actor Line														
Installation size 8 = M8x1														
Coding = Standard S = Standard, shielded														
Design R = Circular connector														
Gender K = Female connector S = Male connector														
Configuration = Axial W = Angled														
Design C = Field attachable														
Number of poles 3 = 3-pos. 4 = 4-pos.														
Termination L = Soldering termination up to max. 0.34 mm ² K = Clamp connection for 0.14 mm ² - 0.34 mm ² S = Screw termination up to max. 0.5 mm ²														
Outer Ø cable 5,5 = 4 mm - 5.5 mm 6,5 = 5 mm - 6.5 mm														

SAL M8x1 CONNECTORS FIELD ATTACHABLE

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PA6 GF, UL 94 / PA6, UL 94
Housing	PA6 GF, UL 94
Cable sealing	NBR
Sealing	FPM
Coupling nut/-screw	GD-Zn, Ni / CuZn, Ni

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-104
Current rating	IEC 61076-2-104
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Recommended torquet: 0.4 Nm

Technical subject to change without notice.

Nomenclature

SAL	Sensor Actor Line
Installation size	
12	= M12x1
Coding	
	= A-coding
S	= A-coding, shielded
Design	
R	= Circular connector
Gender	
K	= Female connector
S	= Male connector
Configuration	
	= Axial
W	= Angled
Design	
C	= Field attachable
CE	= Field attachable with stainless steel coupling nut/screw
Number of poles	
4	= 4-pos.
5	= 5-pos.
8	= 8-pos.
Type of connection	
S	= Screw termination
K	= Clamp connection
C	= Crimp connection
Terminal cross section	
	= max. 0.5 mm ²
100	= max. 1.0 mm ²
150	= max. 1.5 mm ²
Contact plating	
	= Gold over nickel
A5220	= CuSnZn

SAL M12x1 CONNECTORS FIELD ATTACHABLE

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated / CuSnZn
Contact carrier	PA6, UL 94
Housing	Standard: PA6 GF, UL 94 / Shielded: Die Cast, nickel plated
Clamp-/screw contact	Stainless steel nickel plated
Screw termination	CuZn/Ni, Sn gal.
Cable sealing	Elastomere
Sealing	FPM
Coupling nut/-screw	GD-Zn, Ni / stainless steel

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-101
Current rating	IEC 61076-2-101
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Recommended torquet: 0.6 Nm

Technical subject to change without notice.

SAL 7/8" CONNECTORS FIELD ATTACHABLE

Nomenclature

S A L - 7 / 8 - R K C 4 - S

SAL
Sensor Actor Line

Installation size
7/8 = 7/8"

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Design
C = Field attachable

Number of poles
2PE = 2-pos. + PE
4 = 4-pos.
4PE = 4-pos. + PE

Type of connection
S = Screw termination

SAL 7/8" CONNECTORS FIELD ATTACHABLE

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	TPU, UL 94
Housing	PA6 GF, UL 94
Cable sealing	Elastomere
Coupling nut/-screw	CuZn, nickel plated

Technical Data

Information on the following pages are basing on below mentioned IEC-standards.

Rated voltage	IEC 60664-1
Overvoltage category	IEC 60664-1 2
Overvoltage impulse	IEC 60664-1 2,7kV
Current rating	IEC 60512-3
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

SAL M23 CONNECTORS FIELD ATTACHABLE

Nomenclature

S	A	L	-	2	3	-	R	K	C	16+3	-	C
SAL Sensor Actor Line												
Installation size 23 = M23												
Design R = Circular connector												
Gender K = Female connector S = Male connector												
Design C = Field attachable												
Number of poles 16+3 = 16x Signal- + 3x Power contacts 16.8+3 = 8x Signal- + 3x Power contacts												
Type of termination C = Crimp termination L = Soldering termination												

SAL M23 CONNECTORS FIELD ATTACHABLE

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PA6, UL 94 / PBT, UL 94
Housing	GD-Zn, Ni
Cable sealing	Elastomere
Coupling nut/-screw	GD-Zn, Ni

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 60664-1
Current rating	IEC 60512-3
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

SAL M23 CONNECTORS FIELD ATTACHABLE WITH CABLE

Nomenclature

	S	A	L	-	2	3	-	R	K	C	16+3	/	5	/	K	1
SAL Sensor Actor Line																
Installation size 23 = M23																
Design R = Circular connector																
Gender K = Female connector S = Male connector																
Design C = Field attachable																
Number of poles 16+3 = 16x Signal- + 3x Power contacts 16.8+3 = 8x Signal- + 3x Power contacts																
Cable length xx = Length [m]																
Cable quality K1 = TPU, black, high flexible, halogenfree, UL																

SAL M23 CONNECTORS FIELD ATTACHABLE WITH CABLE

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PA6, UL 94 / PBT, UL 94
Housing	GD-Zn, Ni
Cable sealing	Elastomere
Coupling nut/-screw	GD-Zn, Ni

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 60664-1
Current rating	IEC 60512-3
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

SAL RUND24 CONNECTORS FIELD ATTACHABLE

Nomenclature

S A L - 2 4 - R K C 3 P E - S

SAL
Sensor Actor Line

Installation size
24 = Rund24

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Design
C = Field attachable

Number of poles
3PE = 3-pos. + PE
6PE = 6-pos. + PE

Type of connection
S = Screw termination

SAL RUND24 CONNECTORS FIELD ATTACHABLE

Product specification

Basic material	
Contact	CuZn
Contact plating	Ni, Ag gal.
Contact carrier	PA6 GF, UL 94
Housing	PA6 GF, UL 94
Cable sealing	Elastomere
Sealing	FPM
Coupling nut/-screw	PA GF, UL 94

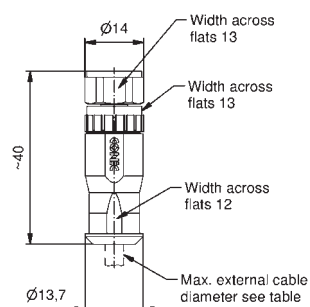
Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 60664-1
Current rating	IEC 60512-3
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

M8x1 CONNECTORS FIELD ATTACHABLE

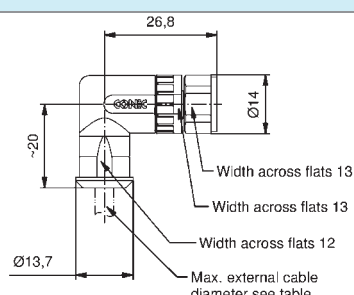
Screw termination

Female connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Description	Part No.
3		50 V DC / 60 V AC	4	4-5,5	0,14 - 0,5	SAL-8-RKC3-S5,5	42-00010
4		50 V DC / 60 V AC	4	4-5,5	0,14 - 0,5	SAL-8-RKC4-S5,5	42-00012

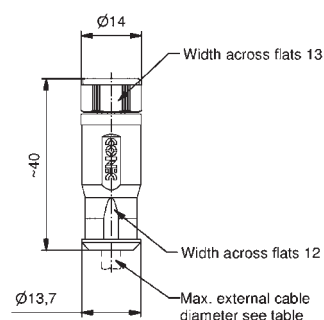
Female connector angled



3		50 V DC / 60 V AC	4	4-5,5	0,14 - 0,5	SAL-8-RKWC3-S5,5	42-00026
4		50 V DC / 60 V AC	4	4-5,5	0,14 - 0,5	SAL-8-RKWC4-S5,5	42-00028

Clamp termination

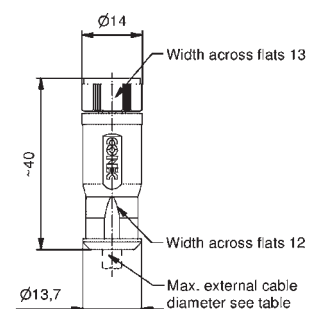
Female connector axial



3		50 V DC / 60 V AC	3	4-5,5	0,14 - 0,34	SAL-8-RKC3-K5,5	42-00002
4		50 V DC / 60 V AC	3	4-5,5	0,14 - 0,34	SAL-8-RKC4-K5,5	42-00004

Solder termination

Female connector axial

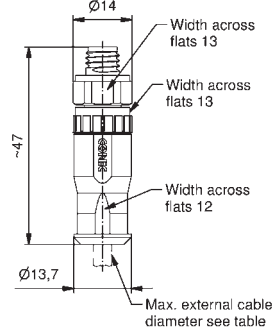


3		50 V DC / 60 V AC	3	4-5,5	0,14 - 0,34	SAL-8-RKC3-L5,5	42-00006
4		50 V DC / 60 V AC	3	4-5,5	0,14 - 0,34	SAL-8-RKC4-L5,5	42-00008

M8x1 CONNECTORS FIELD ATTACHABLE

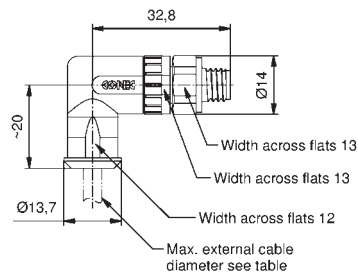
Screw termination

Male connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Description	Part No.
3		50 V DC 50 V AC / 60 V DC	4	4-5,5	0,14 - 0,5	SAL-8-RSC3-S5,5	42-00009
4		50 V DC 50 V AC / 60 V DC	4	4-5,5	0,14 - 0,5	SAL-8-RSC4-S5,5	42-00011

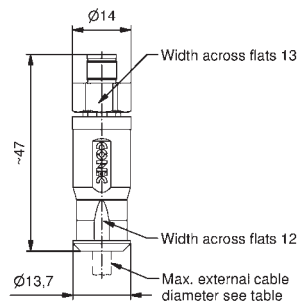
Male connector angled



3		50 V DC 50 V AC / 60 V DC	4	4-5,5	0,14 - 0,5	SAL-8-RWC3-S5,5	42-00025
4		50 V DC 50 V AC / 60 V DC	4	4-5,5	0,14 - 0,5	SAL-8-RWC4-S5,5	42-00027

Clamp termination

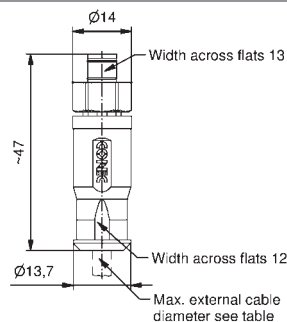
Male connector axial



3		50 V DC 50 V AC / 60 V DC	3	4-5,5	0,14 - 0,34	SAL-8-RSC3-K5,5	42-00001
4		50 V DC 50 V AC / 60 V DC	3	4-5,5	0,14 - 0,34	SAL-8-RSC4-K5,5	42-00003

Solder termination

Male connector axial

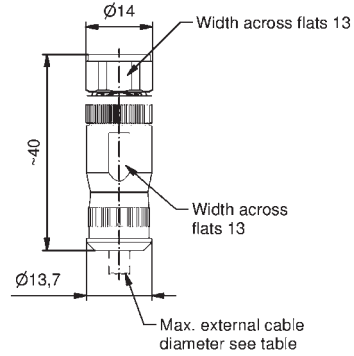


3		50 V DC 50 V AC / 60 V DC	3	4-5,5	0,14 - 0,34	SAL-8-RSC3-L5,5	42-00005
4		50 V DC 50 V AC / 60 V DC	3	4-5,5	0,14 - 0,34	SAL-8-RSC4-L5,5	42-00007

M8x1 CONNECTORS FIELD ATTACHABLE 360° Shielding

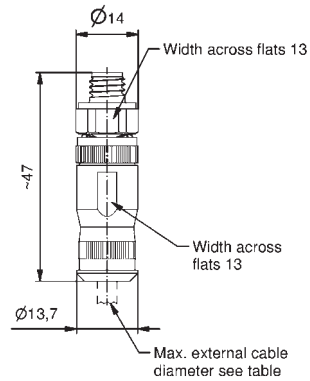
Screw termination

Female connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Description	Part No.
3		50 V AC / 60 V DC	4	5-6,5	0,14 - 0,5	SAL-8S-RKC3-S6,5	42-00034
4		50 V AC / 60 V DC	4	5-6,5	0,14 - 0,5	SAL-8S-RKC4-S6,5	42-00036

Male connector axial

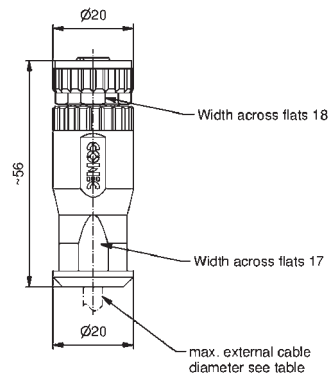


3		50 V AC / 60 V DC	4	5-6,5	0,14 - 0,5	SAL-8S-RSC3-S6,5	42-00033
4		50 V AC / 60 V DC	4	5-6,5	0,14 - 0,5	SAL-8S-RSC4-S6,5	42-00035

M12x1 CONNECTORS FIELD ATTACHABLE

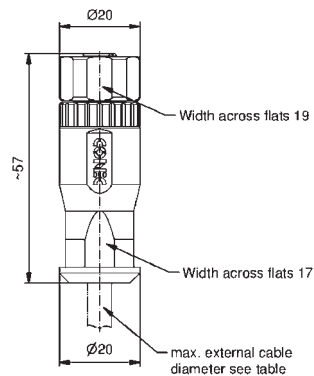
Screw termination

Female connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Contact plating	Description	Part No.
4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12-RKC4-S/150	43-00092
4	A	250	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12-RKC4-S/ 150/A5220	43-00268
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12-RKC5-S/150	43-00094
5	A	60	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12-RKC5-S/ 150/A5220	43-00269
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12-RKC8-S	43-00130

Female connector axial with stainless steel coupling nut

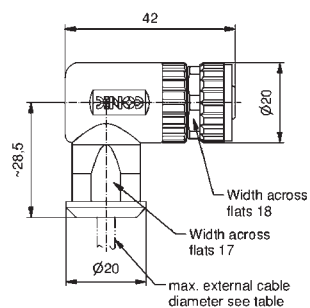
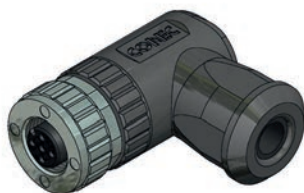


4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12-RKCE4-S/ 150	43-00338
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12-RKCE5-S/ 150	43-00339
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12-RKCE8-S	43-00340

M12x1 CONNECTORS FIELD ATTACHABLE

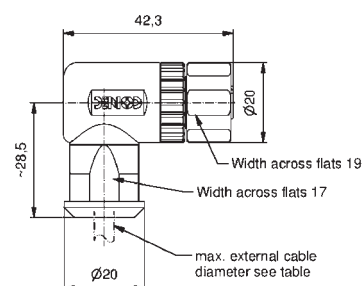
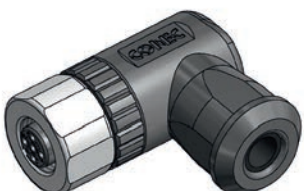
Screw termination

Female connector angled



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Contact plating	Description	Part No.
4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12-RKWC4-S/ 150	43-00096
4	A	250	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12-RKWCE4-S/ 150/A5220	43-00276
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12-RKWC5-S/ 150	43-00098
5	A	60	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12-RKWC5-S/ 150/A5220	43-00277
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12-RKWC8-S	43-00131

Female connector angled with stainless steel coupling nut

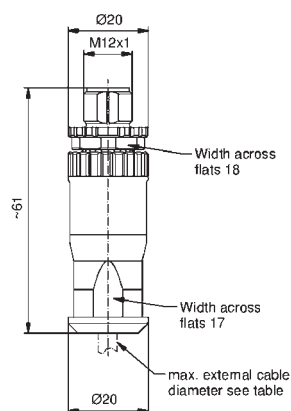


4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12-RKWCE4-S/ 150	43-00349
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12-RKWCE5-S/ 150	43-00350
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12-RKWCE8-S	43-00351

M12x1 CONNECTORS FIELD ATTACHABLE

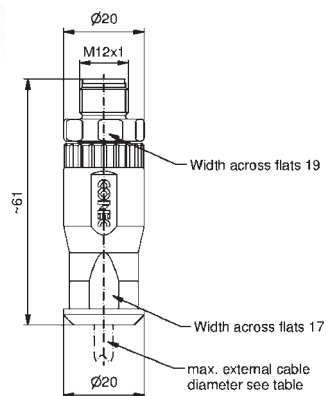
Screw termination

Male connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer Ø cable [mm]	Wire cross section min-max [mm²]	Contact plating	Description	Part No.
4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12-RSC4-S/150	43-00100
4	A	250	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12-RSC4-S/150/A5220	43-00272
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12-RSC5-S/150	43-00102
5	A	60	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12-RSC5-S/150/A5220	43-00273
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12-RSC8-S	43-00132

Male connector axial with stainless steel coupling screw

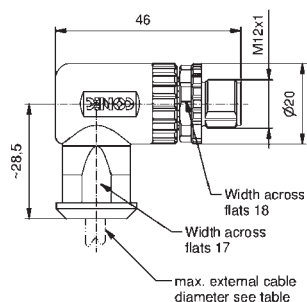


4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12-RSCE4-S/150	43-00341
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12-RSCE5-S/150	43-00342
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12-RSCE8-S	43-00343

M12x1 CONNECTORS FIELD ATTACHABLE

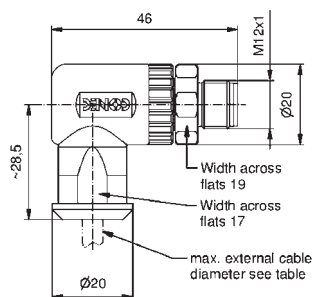
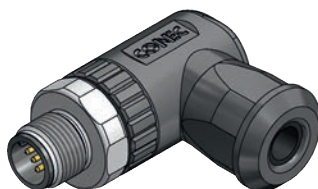
Screw termination

Male connector angled



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer Ø cable [mm]	Wire cross section min-max [mm²]	Contact plating	Description	Part No.
4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12-RSWC4-S/ 150	43-00104
4	A	250	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12-RSWCE4-S/ 150/A5220	43-00278
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12-RSWC5-S/ 150	43-00106
5	A	60	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12-RSWC5-S/ 150/A5220	43-00279
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12-RSWC8-S	43-00133

Male connector angled with stainless steel coupling screw

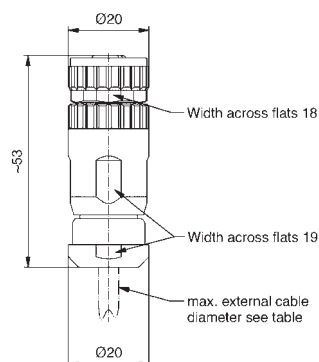
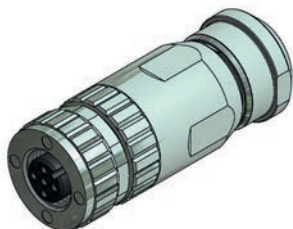


4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12-RSWCE4-S/ 150	43-00352
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12-RSWCE5-S/ 150	43-00353
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12-RSWCE8-S	43-00354

M12x1 CONNECTORS FIELD ATTACHABLE 360° Shielding

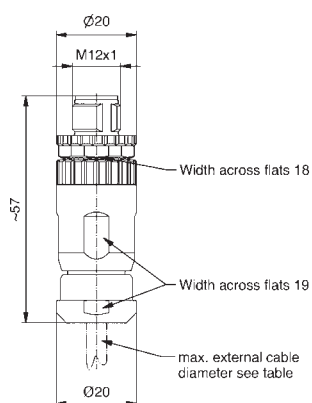
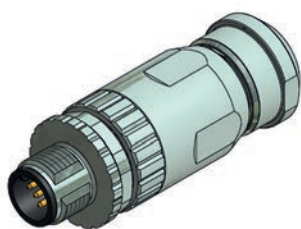
Screw termination

Female connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer Ø cable [mm]	Wire cross section min-max [mm²]	Contact plating	Description	Part No.
4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12S-RKC4-S/ 150	43-00113
4	A	250	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12S-RKC4-S/ 150/A5220	43-00326
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12S-RKC5-S/ 150	43-00114
5	A	60	7,5	4-8	0,25 - 1,5	CuSnZn	SAL-12S-RKC5-S/ 150/A5220	43-00356
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12S-RKC8-S	43-00128

Male connector axial

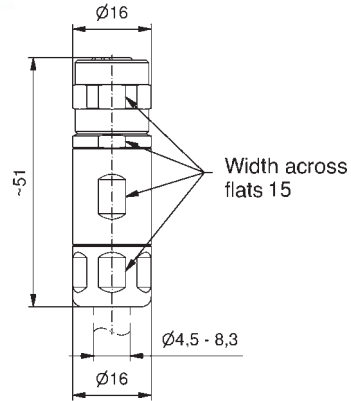


4	A	250	7,5	4-8	0,25 - 1,5	Au	SAL-12S-RSC4-S/ 150	43-00115
5	A	60	7,5	4-8	0,25 - 1,5	Au	SAL-12S-RSC5-S/ 150	43-00116
8	A	30	2	4-8	0,14 - 0,5	Au	SAL-12S-RSC8-S	43-00129

M12x1 CONNECTORS FIELD ATTACHABLE 360° Shielding

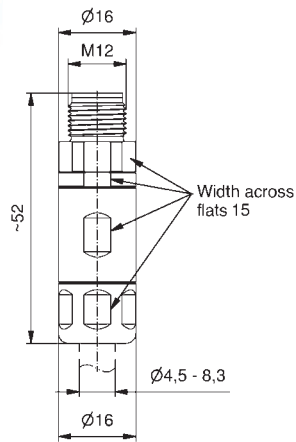
Crimp termination

Female connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Description	Part No.
4	A	250	4	4,5 - 8,3	0,25 - 0,5	SAL-12S-RKC4-C	43-00419
4	A	250	4	4,5 - 8,3	0,34 - 1,0	SAL-12S-RKC4-C/100	43-00421

Male connector axial

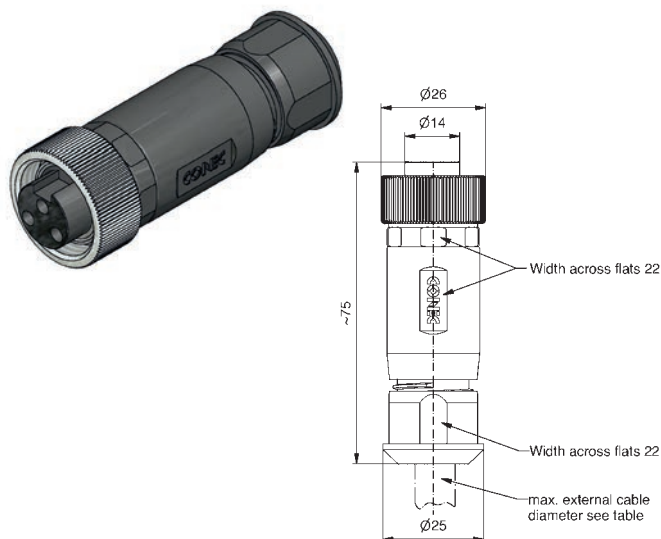


4	A	250	4	4,5 - 8,3	0,25 - 0,5	SAL-12S-RSC4-C	43-00420
4	A	250	4	4,5 - 8,3	0,34 - 1,0	SAL-12S-RSC4-C/100	43-00424

7/8" CONNECTORS FIELD ATTACHABLE

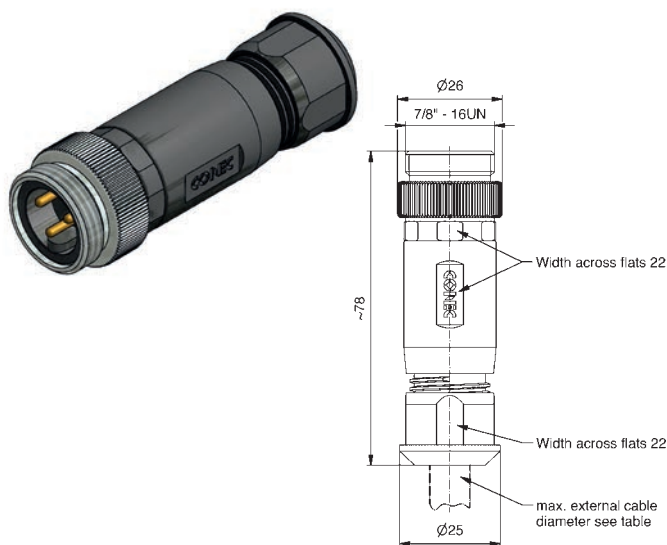
Screw termination

Female connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Description	Part No.
2+PE		250	12	6-12	0,5 - 1,5	SAL-7/8-RKC2PE-S	41-00001
4		250	9	6-12	0,5 - 1,5	SAL-7/8-RKC4-S	41-00002
4+PE		250	9	6-12	0,5 - 1,5	SAL-7/8-RKC4PE-S	41-00003

Male connector axial

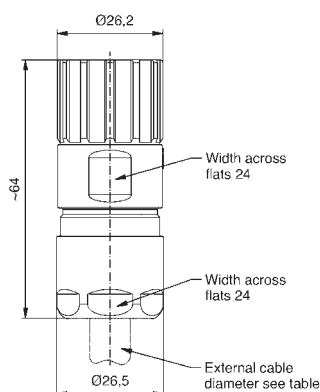
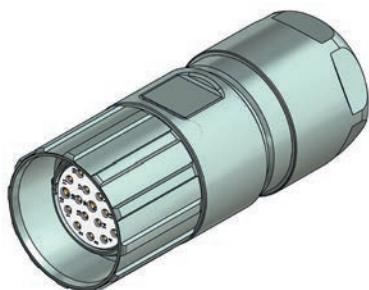


2+PE		250	12	6-12	0,5 - 1,5	SAL-7/8-RSC2PE-S	41-00004
4		250	9	6-12	0,5 - 1,5	SAL-7/8-RSC4-S	41-00005
4+PE		250	9	6-12	0,5 - 1,5	SAL-7/8-RSC4PE-S	41-00006

M23 CONNECTORS FIELD ATTACHABLE

Solder termination

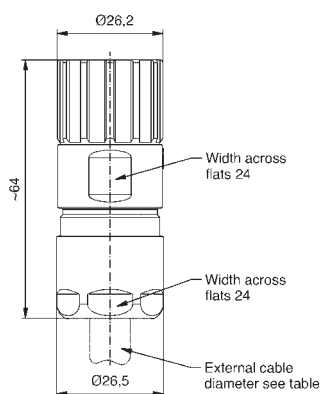
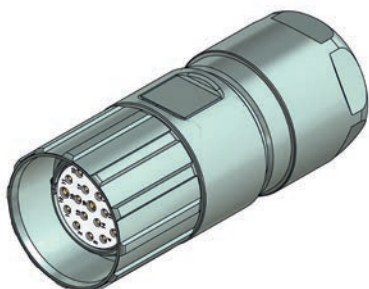
Female connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Cable length [m]	Description	Part No.
16+3		100	10/8	3-17	Signal max. 0,5 mm² Power max. 1,0 mm²		SAL-23-RKC16+3-L	41-90001

Crimp termination

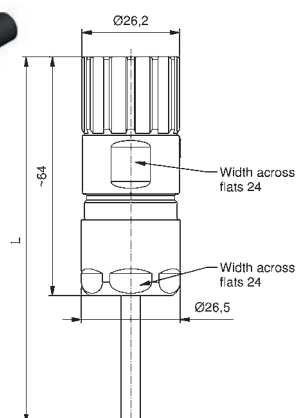
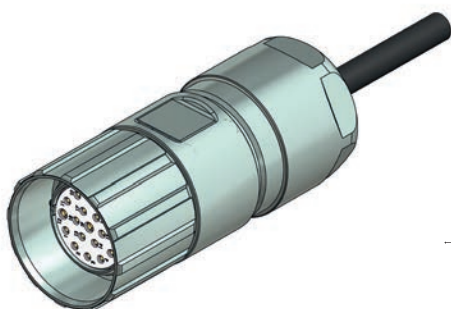
Female connector axial



8+3		100	10/8	3-17	Signal max. 0,5 mm² Power max. 1,0 mm²		SAL-23-RKC16.8+3-C	41-90002
16+3		100	10/8	3-17	Signal max. 0,5 mm² Power max. 1,0 mm²		SAL-23-RKC16+3-C	41-90000

With cable

Female connector axial, TPU UL, halogenfree, black, Li9Y11Y

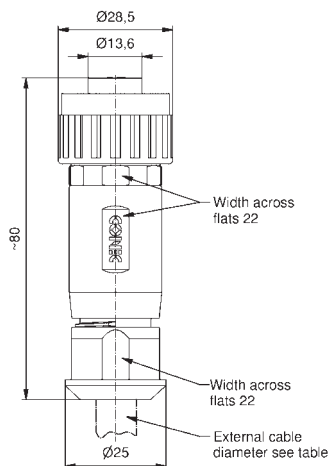


8+3		100	10/8	3 x 12 + 8 x 0,34²	5	SAL-23-RKC16.8+3-5/K1	41-90005
					10	SAL-23-RKC16.8+3-10/K1	41-90006
16+3		100	10/8	3 x 12 + 16 x 0,34²	5	SAL-23-RKC16+3-5/K1	41-90003
					10	SAL-23-RKC16+3-10/K1	41-90004

Rund24 CONNECTORS FIELD ATTACHABLE

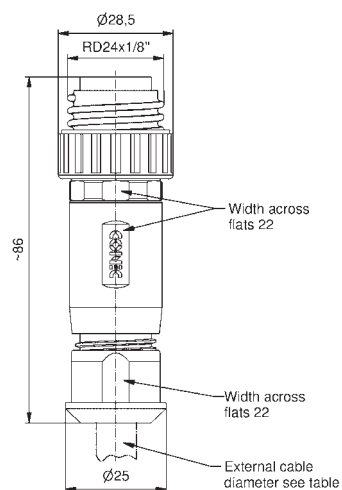
Screw termination

Female connector axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer ø cable [mm]	Wire cross section min-max [mm²]	Description	Part No.
3+PE		400	16	6-12	0,5 - 1,5	SAL-24-RKC3PE-S	41-50000
6+PE		250	10	6-12	0,5 - 1,5	SAL-24-RKC6PE-S	41-50001

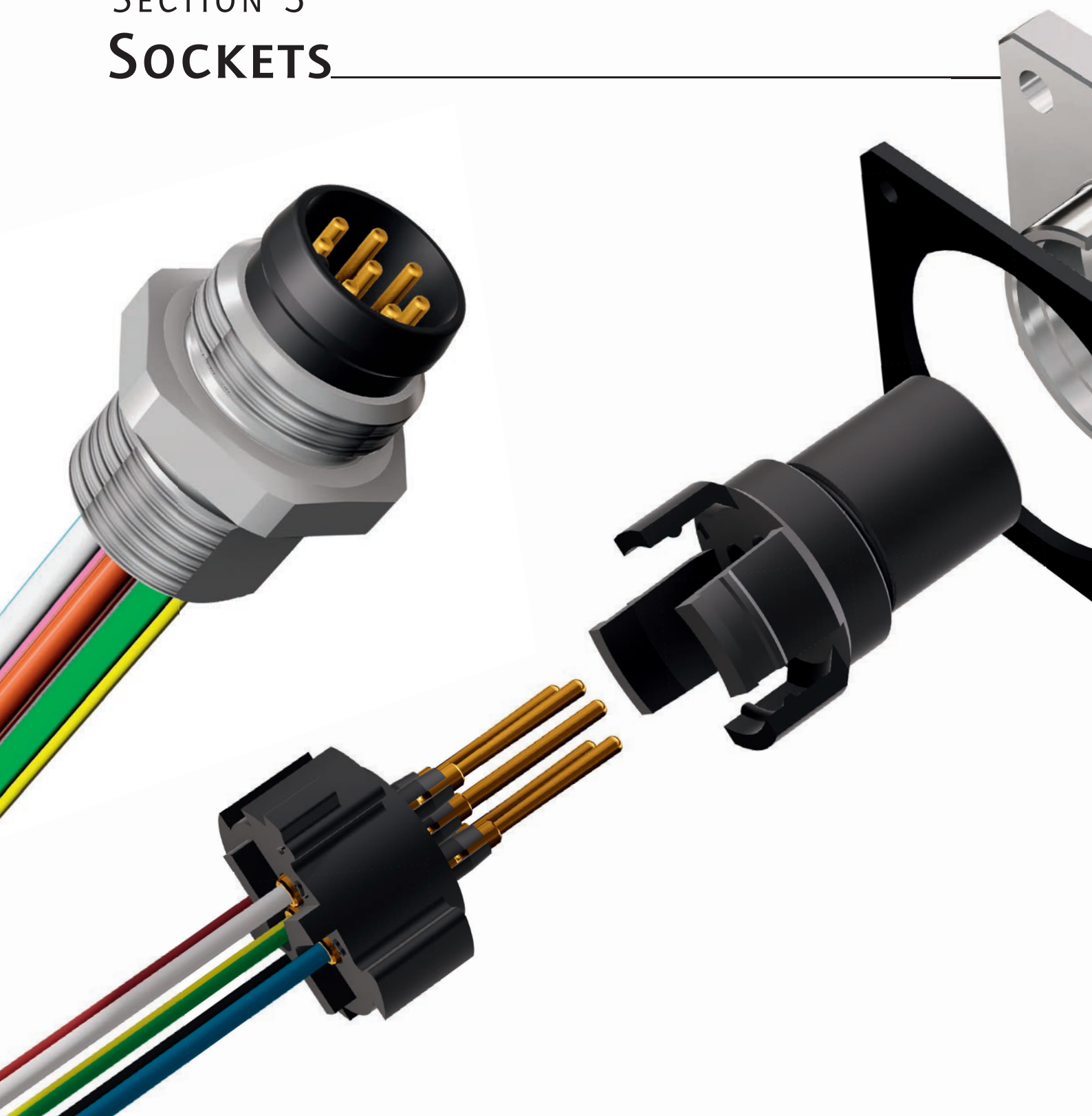
Male connector axial



3+PE		400	16	6-12	0,5 - 1,5	SAL-24-RSC3PE-S	41-50002
6+PE		250	10	6-12	0,5 - 1,5	SAK-24-RSC6PE-S	41-50003

SECTION 3

SOCKETS





SAL M8x1/M12x1 SOCKETS

Nomenclature

S A L - - 8 S - F K P D A 3 - - XX - 9 / G4

SAL
Sensor Actor Line

Type
= Standard

Installation size
8 = M8x1
12 = M12x1

Coding
= A-coding (M12x1), Standard (M8x1)
B = B-coding
BS = B-coding shielded (M8x1)
S = A-coding shielded (M12x1)

Design
F = Socket
I = Insolation body

Gender
K = Female connector
S = Male connector

Assembly
= Front panel mounting
P = Positioning possible, frontmounting
H = Back panel mounting

Type
D = Coupling nut turnable
V = Square flange
VO = Square flange with o-ring sealing

Configuration
= Axial
W = Angled

Number of poles
3 = 3-pos.
4 = 4-pos.
5 = 5-pos.
8 = 8-pos.
12 = 12-pos.

LED-Display
= Without LEDs
4L = 4 LEDs

Type of Connection/Installation height

X5 = Dip solder 5.5 mm	X11 = Dip solder 11.2 mm	P5,5 = Dip solder 5.5 mm
X6 = Dip solder 6 mm	X12 = Dip solder 12.2 mm	P6.75 = Dip solder 6.75 mm
X8 = Dip solder 8.2 mm	X13 = Dip solder 13 mm	P12 = Dip solder 12 mm
X9 = Dip solder 9 mm	X15 = Dip solder 15.2 mm	L = Solder termination
X10 = Dip solder 10 mm		XX = Wire/Cable lenght [m]

Pxx = Installation height one-piece socket
Xxx = Installation height two-piece socket

Screw connection

= M8x0.5	9 = PG9	20 = Square flange 20 x 20
= M8x1	11 = PG11	26 = Square flange 26 x 26
= M12x1	12 = M12x1	
= M16x1.5		

Cable quality

G2 = TPU, black, UL
G3 = PVC, grey, UL

SAL M8x1 / M12x1 SOCKETS

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated. gold plated
Contact carrier	PBT GF. UL 94 / PA. UL 94 / TPU GF. UL 94
Sealing	FPM / NBR
Counter nut	CuZn. nickel plated
Socket housing	CuZn. nickel plated
Sealing compound	Polyurethane-resin. UL 94
Shielding	Spring steel
Shielding plated	Sn plated
Coupling nut turnable	GD-Zn. nickel plated
Light conductor	PA 12

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-104 / IEC 61076-2-101
Current rating	IEC 61076-2-104 / IEC 61076-2-101
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Recommended torque for housing: 0.8-1.2 Nm

Technical subject to change without notice.

Nomenclature

SAL 7/8" SOCKETS

Product specification

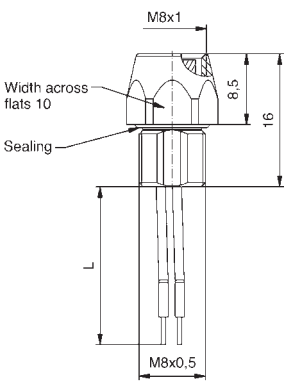
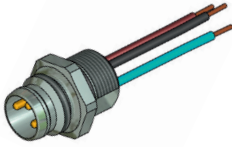
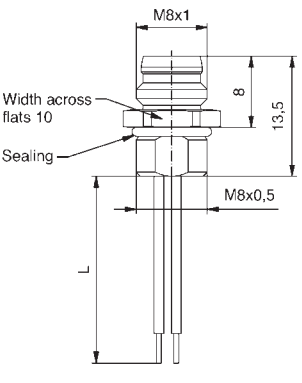
Basic material	
Contact	CuZn
Contact plating	Nickel plated. gold plated
Contact carrier	TPU. UL 94
Sealing	FPM
Counter nut	CuZn. nickel plated
Socket housing	CuZn. nickel plated
Sealing compound	Polyurethane-resin. UL 94

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 60664-1
Overvoltage category	IEC 60664-1 2
Overvoltage impulse	IEC 60664-1 2.7kV
Current rating	IEC 60512-3
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

M8x1 SOCKETS

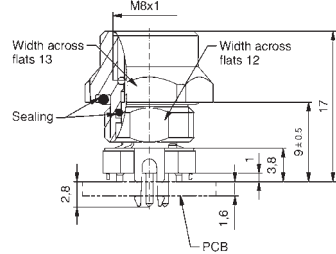
Front panel mounting, wire termination

Female connector, M8x0.5 thread		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Installation height [mm]	Description	Part No.
 	Pin 1  Pin 3  Pin 4 	3		50 V AC/ 60 V DC	3	PVC	24	0,2	SAL-8-FK3-0,2	42-01000
	Pin 1  Pin 2  Pin 3  Pin 4 	4		50 V AC/ 60 V DC	3	PVC	24	0,2	SAL-8-FK4-0,2	42-01001
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	B	30	3	PVC	24	0,2	SAL-8B-FK5.1-0,2	42-01069
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5  Pin 6  Pin 7  Pin 8 	8	A	30	1,5	PVC	26	0,2	SAL-8-FK8-0,2	42-01070
Male connector, M8x0.5 thread		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Installation height [mm]	Description	Part No.
 	Pin 1  Pin 3  Pin 4 	3		50 V AC/ 60 V DC	3	PVC	24	0,2	SAL-8-FS3-0,2	42-01032
	Pin 1  Pin 2  Pin 3  Pin 4 	4		50 V AC/ 60 V DC	3	PVC	24	0,2	SAL-8-FS4-0,2	42-01033
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5  Pin 6  Pin 7  Pin 8 	8	A	30	1,5	PVC	26	0,2	SAL-8-FS8-0,2	42-01165
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5  Pin 6  Pin 7  Pin 8 	8	A	30	1,5	PVC	26	0,2	SAL-8-FS8U-0,2	42-01164

M8x1 SOCKETS

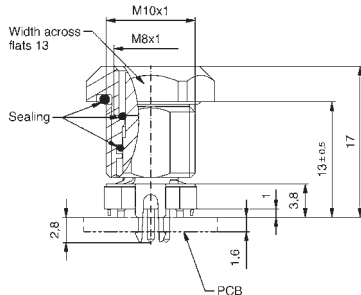
Front panel mounting, dip solder termination, shielded

Female connector axial, installation height 9 mm



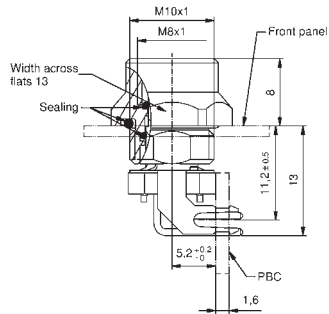
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC/ 60 V DC	4	9	SAL-8S-FK3-X9	42-01357
4		50 V AC/ 60 V DC	4	9	SAL-8S-FK4-X9	42-01365
5	B	30	4	9	SAL-8S-FK5-X9	42-01373
8	A	30	1,5	9	SAL-8S-FK8-X9	42-01385

Female connector axial, installation height 13 mm



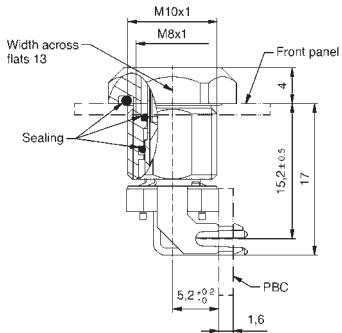
3		50 V AC/ 60 V DC	4	13	SAL-8S-FK3-X13	42-01358
4		50 V AC/ 60 V DC	4	13	SAL-8S-FK4-X13	42-01366
5	B	30	4	13	SAL-8S-FK5-X13	42-01374
8	A	30	1,5	13	SAL-8S-FK8-X13	42-01386

Female connector angled, installation height 11.2 mm



3		50 V AC/ 60 V DC	4	11,2	SAL-8S-FKW3-X11	42-01417
4		50 V AC/ 60 V DC	4	11,2	SAL-8S-FKW4-X11	42-01425

Female connector angled, installation height 15.2 mm

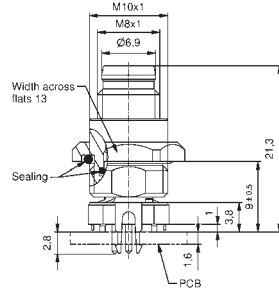


3		50 V AC/ 60 V DC	4	15,2	SAL-8S-FKW3-X15	42-01418
4		50 V AC/ 60 V DC	4	15,2	SAL-8S-FKW4-X15	42-01426

M8x1 SOCKETS

Front panel mounting, dip solder termination, shielded

Male connector axial, installation height 9 mm



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

3

50 V AC/
60 V DC

4

9

SAL-8S-FS3-X9

42-01361

4

50 V AC/
60 V DC

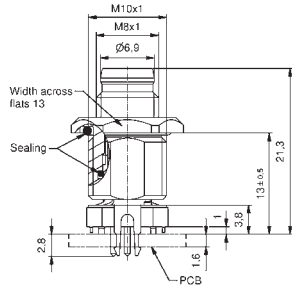
4

9

SAL-8S-FS4-X9

42-01369

Male connector axial, installation height 13 mm



3

50 V AC/
60 V DC

4

13

SAL-8S-FS3-X13

42-01362

4

50 V AC/
60 V DC

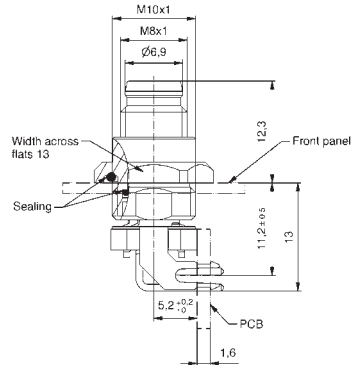
4

13

SAL-8S-FS4-X13

42-01370

Male connector angled, installation height 11.2 mm



3

50 V AC/
60 V DC

4

11,2

SAL-8S-FSW3-X11

42-01421

4

50 V AC/
60 V DC

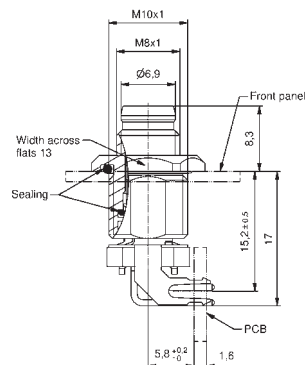
4

11,2

SAL-8S-FSW4-X11

42-01429

Male connector angled, installation height 15.2 mm



3

50 V AC/
60 V DC

4

15,2

SAL-8S-FSW3-X15

42-01422

4

50 V AC/
60 V DC

4

15,2

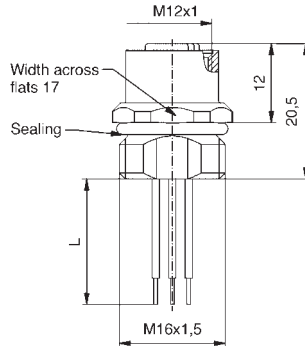
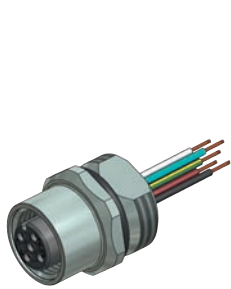
SAL-8S-FSW4-X15

42-01430

M12x1 SOCKETS

Front panel mounting, wire termination

Female connector, M16x1.5 thread



Contact assignment

Pin 1
Pin 2
Pin 3
Pin 4

Number of poles
4

Coding
A

Rated voltage [V]
250

Current rating [A]
4

Wire material
PVC

Wire cross section [AWG]
24

Wire length = L [m]
0,5

Description
SAL-12-FK4-0,5

Part No.
43-01000

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

5

A

60

4

PVC

24

0,5

SAL-12-FK5-0,5

43-01001

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

5

A

60

4

PVC

24

0,5

SAL-12-FK5.1-0,5

43-01045

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8

8

A

30

2

PVC

24

0,5

SAL-12-FK8-0,5

43-01002

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6

Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

12

A

30

1,5

PVC

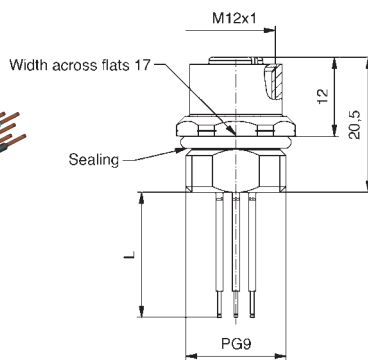
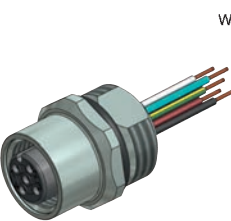
26

0,5

SAL-12-FK12-0,5

43-01331

Female connector, PG9 thread



Pin 1
Pin 2
Pin 3
Pin 4

4

A

250

4

PVC

24

0,5

SAL-12-FK4-0,5-9

43-01073

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

5

A

60

4

PVC

24

0,5

SAL-12-FK5-0,5-9

43-01075

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

5

A

60

4

PVC

24

0,5

SAL-12-FK5.1-0,5-9

43-01074

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8

8

A

30

2

PVC

24

0,5

SAL-12-FK8-0,5-9

43-01097

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6

Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

12

A

30

1,5

PVC

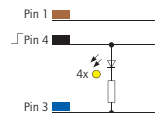
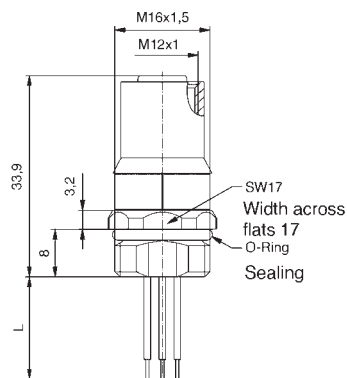
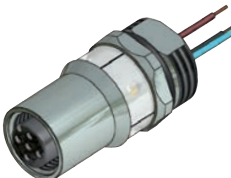
26

0,5

SAL-12-FK12-0,5-9

43-01345

Female connector with LED, M16x1.5 thread



3

A

10-30

4

PVC

22

0,5

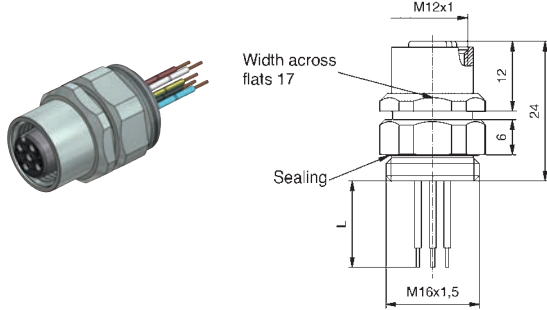
SAL-12-FK3-4L-0,5

43-01867

M12x1 SOCKETS

Front panel mounting, wire termination

Female connector positioning possible, M16x1.5 thread



Contact assignment

Pin 1
Pin 2
Pin 3
Pin 4

4

A

250

4

PVC

24

0,5

SAL-12-FKP4-0,5

43-01006

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

5

A

60

4

PVC

24

0,5

SAL-12-FKP5-0,5

43-01007

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

5

A

60

4

PVC

24

0,5

SAL-12-FKP5.1-0,5

43-01053

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8

8

A

30

2

PVC

24

0,5

SAL-12-FKP8-0,5

43-01008

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6

Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

12

A

30

1,5

PVC

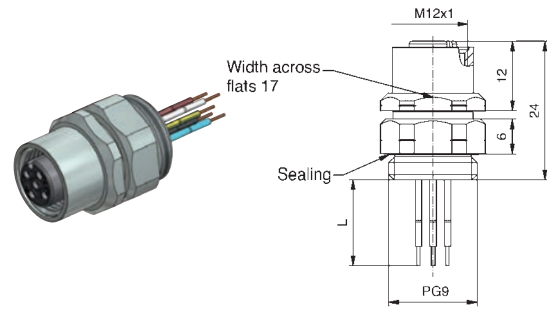
26

0,5

SAL-12-FKP12-0,5

43-01341

Female connector positioning possible, PG9 thread



Pin 1
Pin 2
Pin 3
Pin 4

4

A

250

4

PVC

24

0,5

SAL-12-FKP4-0,5-9

43-01091

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

5

A

60

4

PVC

24

0,5

SAL-12-FKP5-0,5-9

43-01093

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

5

A

60

4

PVC

24

0,5

SAL-12-FKP5.1-0,5-9

43-01092

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8

8

A

30

2

PVC

24

0,5

SAL-12-FKP8-0,5-9

43-01101

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6

Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

12

A

30

1,5

PVC

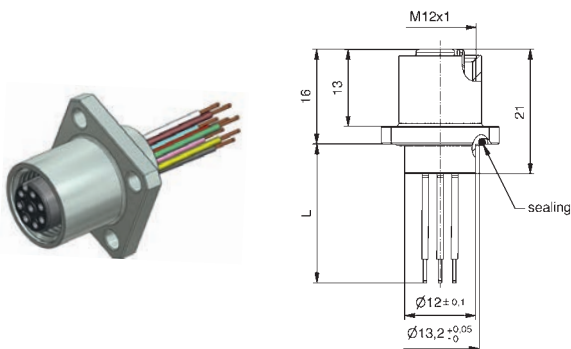
26

0,5

SAL-12-FKP12-0,5-9

43-01347

Female connector, square flange 20 mm



Pin 1
Pin 2
Pin 3
Pin 4

4

A

250

4

PVC

24

0,5

SAL-12-FKV04-0,5-20

43-02084

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

5

A

60

4

PVC

24

0,5

SAL-12-FKV05-0,5-20

43-02085

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

5

A

60

4

PVC

24

0,5

SAL-12-FKV05.1-0,5-20

43-02087

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8

8

A

30

2

PVC

24

0,5

SAL-12-FKV08-0,5-20

43-02086

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6

Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

12

A

30

1,5

PVC

26

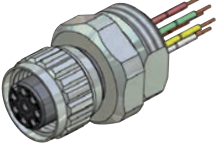
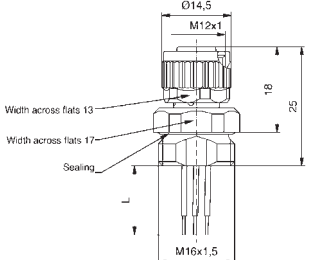
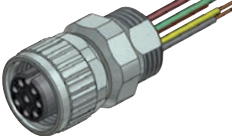
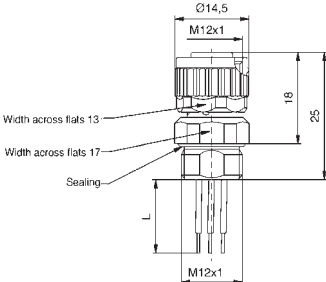
0,5

SAL-12-FKV012-0,5-20

43-02088

M12x1 SOCKETS

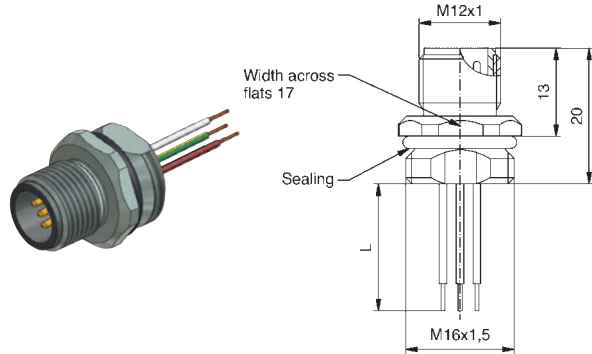
Front panel mounting, wire termination

Female connector, coupling nut turnable, M16x1.5 thread		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
 	Pin 1  Pin 2  Pin 3  Pin 4 	4	A	250	4	PVC	24	0,05	SAL-12-FKD4-0,05	43-01378
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	PVC	24	0,05	SAL-12-FKD5-0,05	43-01381
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5  Pin 6  Pin 7  Pin 8 	8	A	30	2	PVC	24	0,05	SAL-12-FKD8-0,05	43-01492
Female connector, coupling nut turnable, M12x1 thread		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
 	Pin 1  Pin 2  Pin 3  Pin 4 	4	A	250	4	PVC	24	0,05	SAL-12-FKD4-0,05-12	43-01493
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	PVC	24	0,05	SAL-12-FKD5-0,05-12	43-01494
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5  Pin 6  Pin 7  Pin 8 	8	A	30	2	PVC	24	0,05	SAL-12-FKD8-0,05-12	43-01495

M12x1 SOCKETS

Front panel mounting, wire termination

Male connector, M16x1.5 thread



Contact assignment

Pin 1
Pin 2
Pin 3
Pin 4

Number of poles
4

Coding
A

Rated voltage [V]
250

Current rating [A]
4

Wire material
PVC

Wire cross section [AWG]
24

Wire length = L [m]
0,5

Description
SAL-12-FS4-0,5

Part No.
43-01009

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Number of poles
5

Coding
A

Rated voltage [V]
60

Current rating [A]
4

Wire material
PVC

Wire cross section [AWG]
24

Wire length = L [m]
0,5

Description
SAL-12-FS5-0,5

Part No.
43-01010

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Number of poles
5

Coding
A

Rated voltage [V]
60

Current rating [A]
4

Wire material
PVC

Wire cross section [AWG]
24

Wire length = L [m]
0,5

Description
SAL-12-FS5.1-0,5

Part No.
43-01049

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8

Number of poles
8

Coding
A

Rated voltage [V]
30

Current rating [A]
2

Wire material
PVC

Wire cross section [AWG]
24

Wire length = L [m]
0,5

Description
SAL-12-FS8-0,5

Part No.
43-01011

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6

Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

Number of poles
12

Coding
A

Rated voltage [V]
30

Current rating [A]
1,5

Wire material
PVC

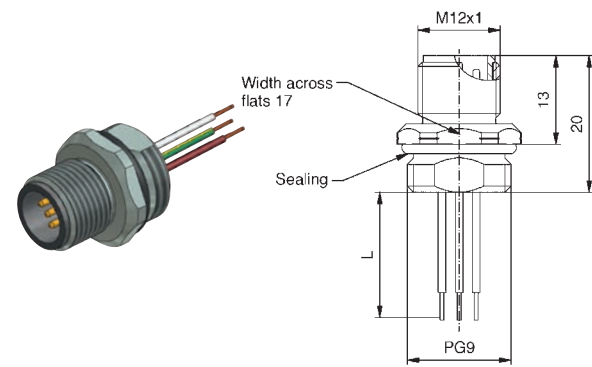
Wire cross section [AWG]
26

Wire length = L [m]
0,5

Description
SAL-12-FS12-0,5

Part No.
43-01330

Male connector, PG9 thread



Pin 1
Pin 2
Pin 3
Pin 4

Number of poles
4

Coding
A

Rated voltage [V]
250

Current rating [A]
4

Wire material
PVC

Wire cross section [AWG]
24

Wire length = L [m]
0,5

Description
SAL-12-FS4-0,5-9

Part No.
43-01082

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Number of poles
5

Coding
A

Rated voltage [V]
60

Current rating [A]
4

Wire material
PVC

Wire cross section [AWG]
24

Wire length = L [m]
0,5

Description
SAL-12-FS5-0,5-9

Part No.
43-01084

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Number of poles
5

Coding
A

Rated voltage [V]
60

Current rating [A]
4

Wire material
PVC

Wire cross section [AWG]
24

Wire length = L [m]
0,5

Description
SAL-12-FS5.1-0,5-9

Part No.
43-01083

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8

Number of poles
8

Coding
A

Rated voltage [V]
30

Current rating [A]
2

Wire material
PVC

Wire cross section [AWG]
24

Wire length = L [m]
0,5

Description
SAL-12-FS8-0,5-9

Part No.
43-01099

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6

Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

Number of poles
12

Coding
A

Rated voltage [V]
30

Current rating [A]
1,5

Wire material
PVC

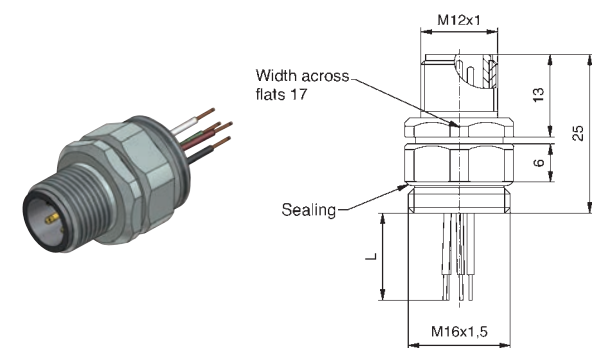
Wire cross section [AWG]
26

Wire length = L [m]
0,5

Description
SAL-12-FS12-0,5-9

Part No.
43-01346

Male connector positioning possible, M16x1.5 thread



Pin 1
Pin 2
Pin 3
Pin 4

Number of poles
4

Coding
A

Rated voltage [V]
250

Current rating [A]
4

Wire material
PVC

Wire cross section [AWG]
24

Wire length = L [m]
0,5

Description
SAL-12-FSP4-0,5

Part No.
43-01015

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Number of poles
5

Coding
A

Rated voltage [V]
60

Current rating [A]
4

Wire material
PVC

Wire cross section [AWG]
24

Wire length = L [m]
0,5

Description
SAL-12-FSP5-0,5

Part No.
43-01016

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Number of poles
5

Coding
A

Rated voltage [V]
60

Current rating [A]
4

Wire material
PVC

Wire cross section [AWG]
24

Wire length = L [m]
0,5

Description
SAL-12-FSP5.1-0,5

Part No.
43-01054

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8

Number of poles
8

Coding
A

Rated voltage [V]
30

Current rating [A]
2

Wire material
PVC

Wire cross section [AWG]
24

Wire length = L [m]
0,5

Description
SAL-12-FSP8-0,5

Part No.
43-01017

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6

Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

Number of poles
12

Coding
A

Rated voltage [V]
30

Current rating [A]
1,5

Wire material
PVC

Wire cross section [AWG]
26

Wire length = L [m]
0,5

Description
SAL-12-FSP12-0,5

Part No.
43-01342

M12x1 SOCKETS

Front panel mounting, wire termination

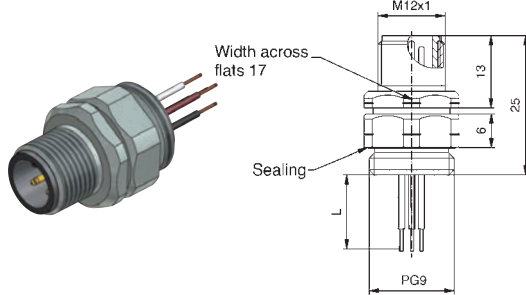
Male connector positioning possible, PG9 thread

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]
4	A	250	4	PVC	24	0,5
5	A	60	4	PVC	24	0,5
5	A	60	4	PVC	24	0,5
8	A	30	2	PVC	24	0,5
12	A	30	1,5	PVC	26	0,5

Description

Part No.



Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6

Pin 5
Pin 6
Pin 7
Pin 8

Pin 5
Pin 6
Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

Pin 5
Pin 6
Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

Pin 5
Pin 6
Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

Pin 5
Pin 6
Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

Pin 5
Pin 6
Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

Pin 5
Pin 6
Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

Pin 5
Pin 6
Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

Pin 5
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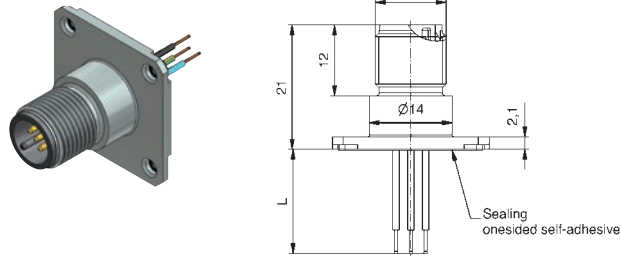
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Male connector, square flange 26 mm



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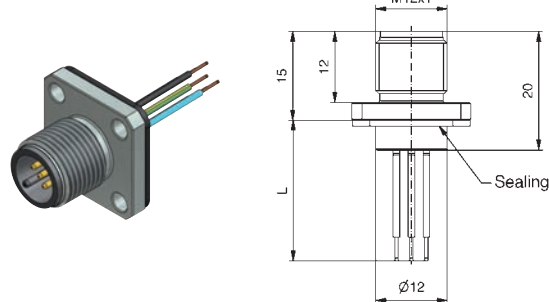
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Male connector, square flange 20 mm



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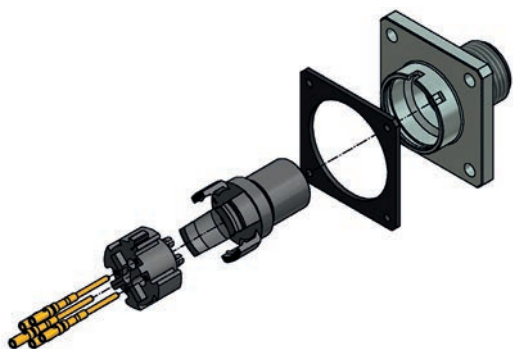
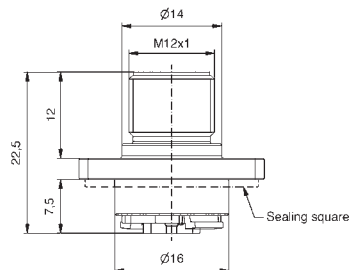
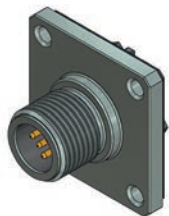
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M12x1 SOCKETS FIELD ATTACHABLE

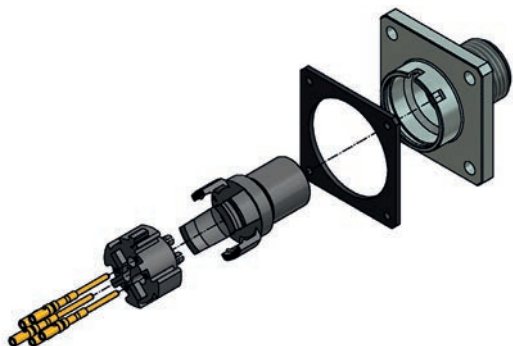
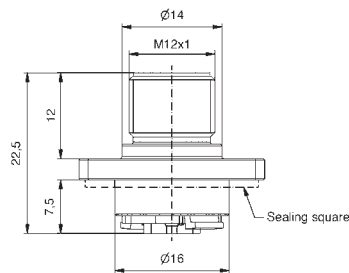
Front panel mounting, wire termination

Male connector, square flange 26 mm, IP67/IP20



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire cross section [AWG]	Degree of protection	Description	Part No.
4	A	250	4	AWG22 up to max. AWG20	IP 67 *	SAL-12-FSVC4-26	43-02690
5	A	60	4	AWG22 up to max. AWG20	IP 67 *	SAL-12-FSVC5-26	43-02611
5	A	60	4	AWG22 up to max. AWG20	IP 67 *	SAL-12-FSVC5.1-26	43-02631
8	A	30	2	AWG24 up to max. AWG22	IP 67 *	SAL-12-FSVC8-26	43-02612

Male connector, square flange 26 mm, IP67/IP65



4	A	250	4	AWG22 up to max. AWG20	IP65/ IP67 **	SAL-12-FSVC4-26/ A1065	43-02743
5	A	60	4	AWG22 up to max. AWG20	IP65/ IP67 **	SAL-12-FSVC5-26/ A1065	43-02744
5	A	60	4	AWG22 up to max. AWG20	IP65/ IP67 **	SAL-12-FSVC5.1-26/ A1065	43-02745
8	A	30	2	AWG24 up to max. AWG22	IP65/ IP67 **	SAL-12-FSVC8-26/ A1065	43-02746

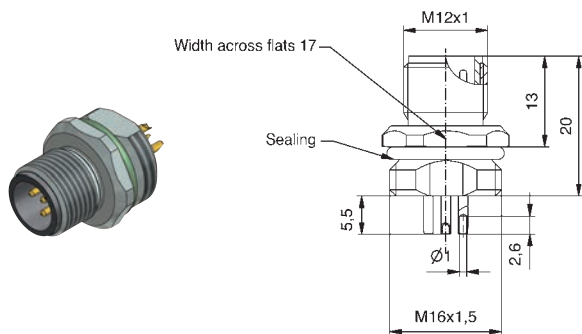
* in mated condition

** in unmated condition IP65; in mated condition IP67

M12x1 SOCKETS

Front panel mounting, solder termination/solder cup

Male connector, M16x1.5 thread



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Description

Part No.

4

A

250

4

SAL-12-FS4-L

43-02294

5

A

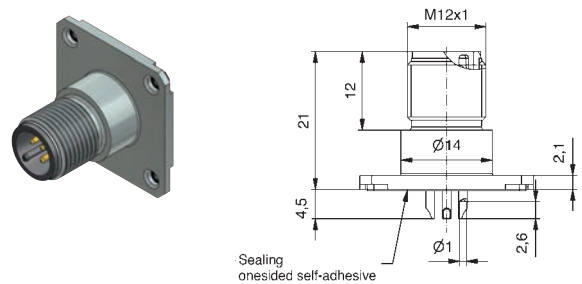
60

4

SAL-12-FS5.1-L

43-02295

Male connector, square flange 26 mm



4

A

250

4

SAL-12-FSV4L-26

43-02303

5

A

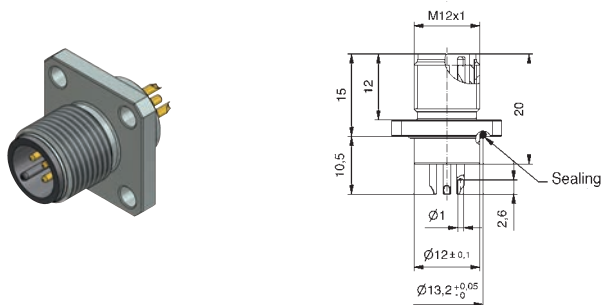
60

4

SAL-12-FSV5.1-L-26

43-02304

Male connector, square flange 20 mm



4

A

250

4

SAL-12-FSV04-L-20

43-02300

5

A

60

4

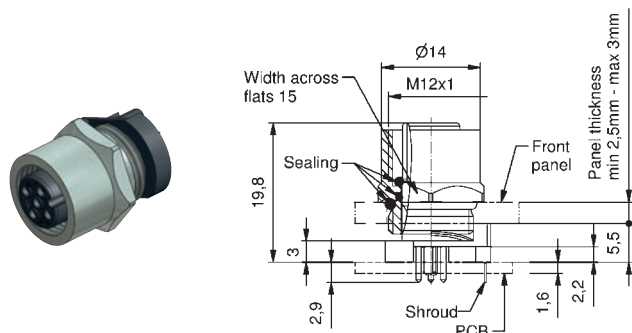
SAL-2-FSV05.1-L-20

43-02301

M12x1 SOCKETS

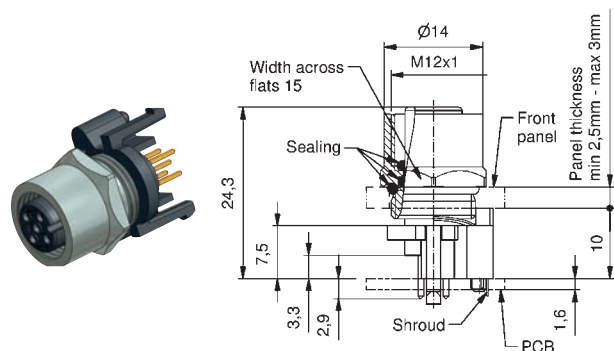
Front panel mounting, dip solder termination

Two-piece female connector, direct circuit board termination, installation height 5.5 mm



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	5,5	SAL-12-FK4-X5,5	43-01178
4	A	250	4	5,5	SAL-12S-FK4-X5,5	43-01179 with shroud
5	A	60	4	5,5	SAL-12-FK5-X5,5	43-01180
5	A	60	4	5,5	SAL-12S-FK5-X5,5	43-01181 with shroud

Two-piece female connector, direct circuit board termination, installation height 10 mm

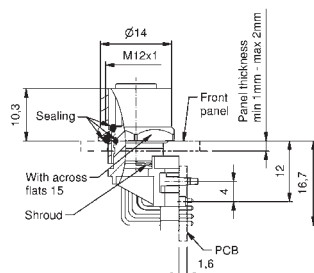
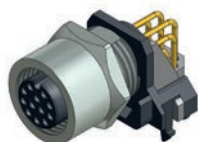
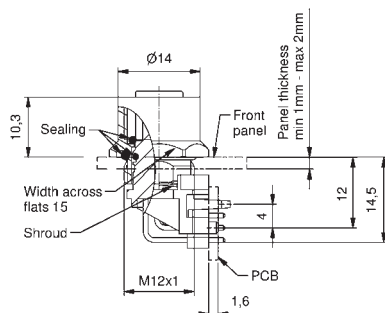
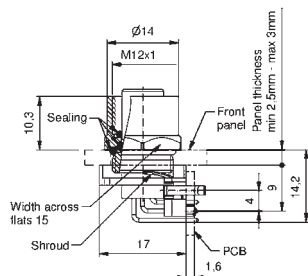


4	A	250	4	10	SAL-12-FK4-X10	43-01162
4	A	250	4	10	SAL-12S-FK4-X10	43-01163 with shroud
5	A	60	4	10	SAL-12-FK5-X10	43-01164
5	A	60	4	10	SAL-12S-FK5-X10	43-01165 with shroud
8	A	30	2	10	SAL-12-FK8-X10	43-01329
8	A	30	2	10	SAL-12S-FK8-X10	43-01332 with shroud

M12x1 SOCKETS

Front panel mounting, dip solder termination

Two-piece female connector, angled, direct circuit board termination



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Description

Part No.

4

A

250

4

SAL-12-FKW4

43-01200

4

A

250

4

SAL-12S-FKW4

43-01201
with shroud

5

A

60

4

SAL-12-FKW5

43-01202

5

A

60

4

SAL-12S-FKW5

43-01203
with shroud

8

A

30

2

SAL-12-FKW8

43-02638

8

A

30

2

SAL-12S-FKW8

43-02639
with shroud

12

A

30

1,5

SAL-12-FKW12

43-02640

12

A

30

1,5

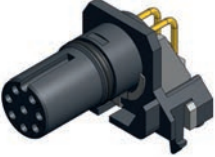
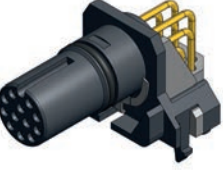
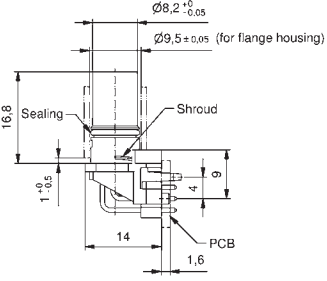
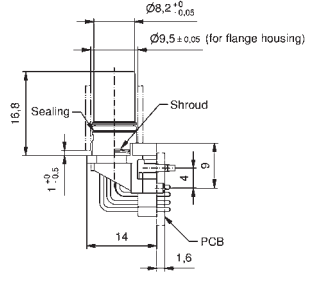
SAL-12S-FKW12

43-02641
with shroud

M12x1 SOCKETS

Insulation body, dip solder termination

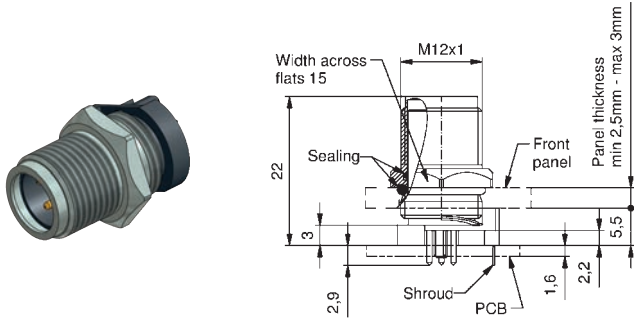
Female connector

		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.
 	 	8	A	30	2	SAL-12-IKW8	43-02796
		8	A	30	2	SAL-12S-IKW8	43-02797 with shroud
		12	A	30	1,5	SAL-12-IKW12	43-02798
		12	A	30	1,5	SAL-12S-IKW12	43-02799 with shroud

M12x1 SOCKETS

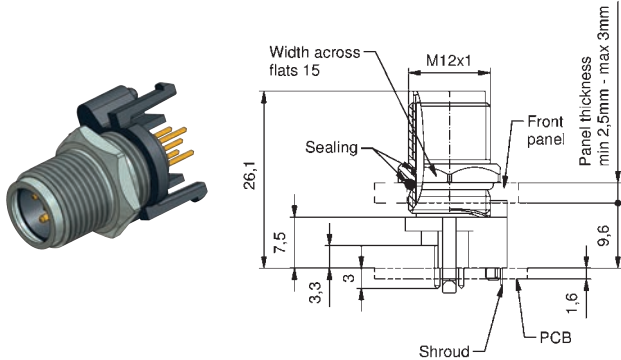
Front panel mounting, dip solder termination

Two-piece male connector, direct circuit board termination, installation height 5.5 mm



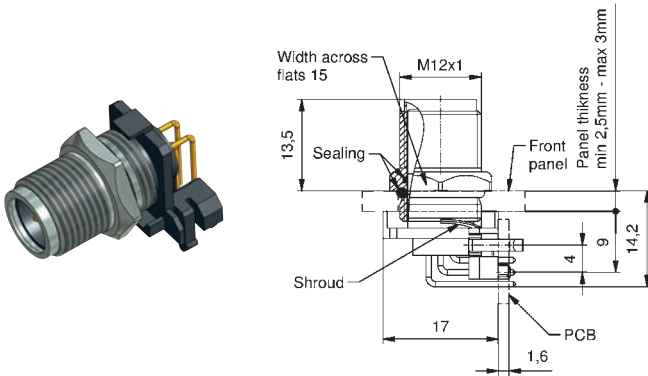
Number of poles	Coding	Current rating [A]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	5,5	SAL-12-FS4-X5,5	43-01182
4	A	250	4	5,5	SAL-12S-FS4-X5,5	43-01183 with shroud
5	A	60	4	5,5	SAL-12-FS5.1-X5,5	43-01184
5	A	60	4	5,5	SAL-12S-FS5.1-X5,5	43-01185 with shroud

Two-piece male connector, direct circuit board termination, installation height 10 mm



4	A	250	4	10	SAL-12-FS4-X10	43-01166
4	A	250	4	10	SAL-12S-FS4-X10	43-01167 with shroud
5	A	60	4	10	SAL-12-FS5.1-X10	43-01168
5	A	60	4	10	SAL-12S-FS5.1-X10	43-01169 with shroud

Two-piece male connector, angled, direct circuit board termination



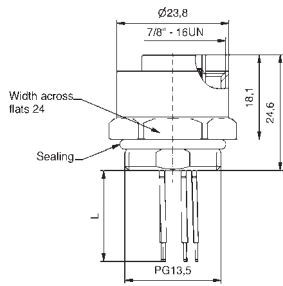
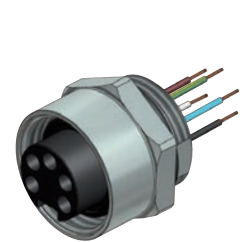
4	A	250	4		SAL-12-FSW4	43-01208
4	A	250	4		SAL-12S-FSW4	43-01209 with shroud
5	A	60	4		SAL-12-FSW5.1	43-01210
5	A	60	4		SAL-12S-FSW5.1	43-01211 with shroud

7/8" SOCKETS

Front panel mounting, wire termination, AWG 18

Female connector, PG13.5 thread, AWG 18

Contact assignment



PE
Pin 2
Pin 3

2+PE

A

300

8

PVC

18

0,5

SAL-7/8-
FK2PE-0,5

41-40006

Pin 1
Pin 2
Pin 3
Pin 4

4

A

300

8

PVC

18

0,5

SAL-7/8-
FK4-0,5

41-40007

Pin 1
Pin 2
PE
Pin 4
Pin 5

4+PE

A

300

8

PVC

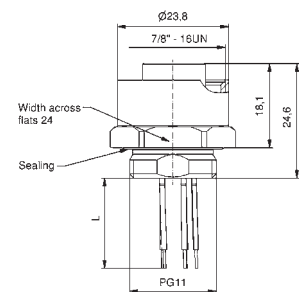
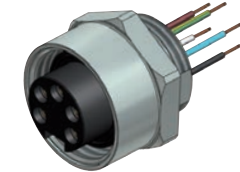
18

0,5

SAL-7/8-
FK4PE-0,5

41-40008

Female connector, PG11 thread, AWG 18



PE
Pin 2
Pin 3

2+PE

A

300

8

PVC

18

0,5

SAL-7/8-
FK2PE-0,5-11

41-40030

Pin 1
Pin 2
Pin 3
Pin 4

4

A

300

8

PVC

18

0,5

SAL-7/8-
FK4-0,5-11

41-40031

Pin 1
Pin 2
PE
Pin 4
Pin 5

4+PE

A

300

8

PVC

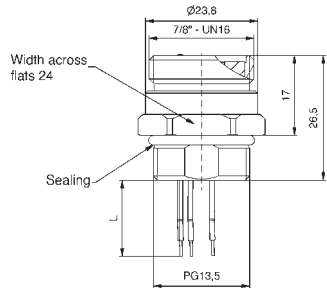
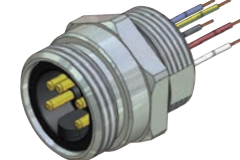
18

0,5

SAL-7/8-
FK4PE-0,5-11

41-40032

Male connector, PG13.5 thread, AWG 18



PE
Pin 2
Pin 3

2+PE

A

300

8

PVC

18

0,5

SAL-7/8-FS2PE-0,5

41-40000

Pin 1
Pin 2
Pin 3
Pin 4

4

A

300

8

PVC

18

0,5

SAL-7/8-FS4-0,5

41-40001

Pin 1
Pin 2
PE
Pin 4
Pin 5

4+PE

A

300

8

PVC

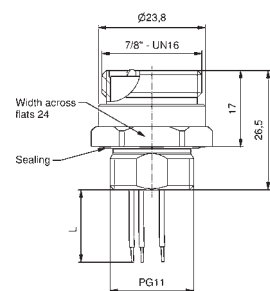
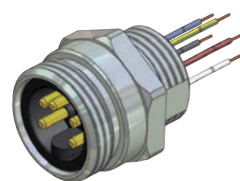
18

0,5

SAL-7/8-FS4PE-0,5

41-40002

Male connector, PG11 thread, AWG 18



PE
Pin 2
Pin 3

2+PE

A

300

8

PVC

18

0,5

SAL-7/8-
FS2PE-0,5-11

41-40024

Pin 1
Pin 2
Pin 3
Pin 4

4

A

300

8

PVC

18

0,5

SAL-7/8-
FS4-0,5-11

41-40025

Pin 1
Pin 2
PE
Pin 4
Pin 5

4+PE

A

300

8

PVC

18

0,5

SAL-7/8-
FS4PE-0,5-11

41-40026

7/8" SOCKETS

Front panel mounting, wire termination, AWG 16

Female connector, PG13.5 thread, AWG 16

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
2+PE	A	300	12	PVC	16	0,5	SAL-7/8-FK2PE-0,5/150	41-40015
4	A	300	12	PVC	16	0,5	SAL-7/8-FK4-0,5/150	41-40016
4+PE	A	300	12	PVC	16	0,5	SAL-7/8-FK4PE-0,5/150	41-40017

Female connector, PG11 thread, AWG 16

PE								
Pin 2								
Pin 3								
Pin 1								
Pin 2								
Pin 3								
Pin 4								
Pin 1								
Pin 2								
Pin 3								
Pin 4								
Pin 5								

Male connector, PG13.5 thread, AWG 16

PE								
Pin 2								
Pin 3								
Pin 1								
Pin 2								
Pin 3								
Pin 4								
Pin 1								
Pin 2								
Pin 3								
Pin 4								
Pin 5								

Male connector, PG11 thread, AWG 16

PE								
Pin 2								
Pin 3								
Pin 1								
Pin 2								
Pin 3								
Pin 4								
Pin 1								
Pin 2								
Pin 3								
Pin 4								
Pin 5								

7/8" SOCKETS

Front panel mounting, wire termination, AWG 14

Female connector, PG13.5 thread, AWG 14

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
2+PE	A	300	16	PVC	14	0,5	SAL-7/8-FK2PE-0,5/250	41-40115
4+PE	A	300	16	PVC	14	0,5	SAL-7/8-FK4PE-0,5/250	41-40116

Female connector, PG11 thread, AWG 14

2+PE	A	300	16	PVC	14	0,5	SAL-7/8-FK2PE-0,5/250-11	41-40117
4+PE	A	300	16	PVC	14	0,5	SAL-7/8-FK4PE-0,5/250-11	41-40118

Male connector, PG13.5 thread, AWG 14

2+PE	A	300	16	PVC	14	0,5	SAL-7/8-FS2PE-0,5/250	41-40119
4+PE	A	300	16	PVC	14	0,5	SAL-7/8-FS4PE-0,5/250	41-40120

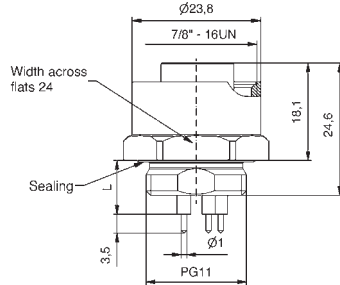
Male connector, PG11 thread, AWG 14

2+PE	A	300	16	PVC	14	0,5	SAL-7/8-FS2PE-0,5/250-11	41-40121
4+PE	A	300	16	PVC	14	0,5	SAL-7/8-FS4PE-0,5/250-11	41-40122

7/8" SOCKETS

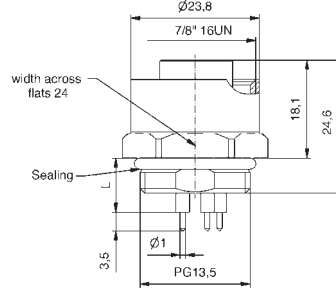
Front panel mounting, dip solder termination

Female connector, direct circuit board termination, PG11 thread



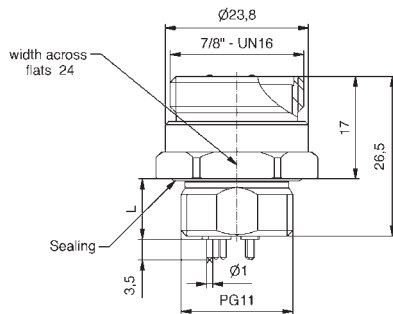
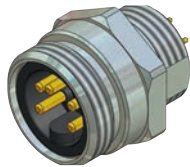
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
2+PE	A	300	12	10	SAL-7/8-FK2PE-P10-11	41-40045
4	A	300	12	10	SAL-7/8-FK4-P10-11	41-40046
4+PE	A	300	12	10	SAL-7/8-FK4PE-P10-11	41-40047

Female connector, direct circuit board termination, PG13.5 thread



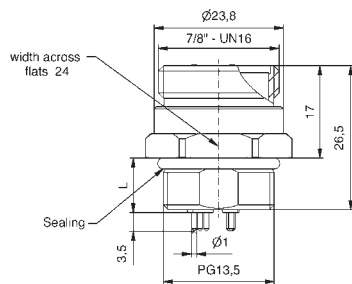
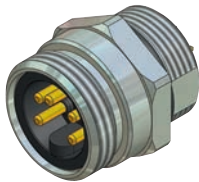
2+PE	A	300	12	10	SAL-7/8-FK2PE-P10	41-40021
4	A	300	12	10	SAL-7/8-FK4-P10	41-40022
4+PE	A	300	12	10	SAL-7/8-FK4PE-P10	41-40023

Male connector, direct circuit board termination, PG11 thread



2+PE	A	300	12	10	SAL-7/8-FS2PE-P10-11	41-40042
4	A	300	12	10	SAL-7/8-FS4-P10-11	41-40043
4+PE	A	300	12	10	SAL-7/8-FS4PE-P10-11	41-40044

Male connector, direct circuit board termination, PG13.5 thread

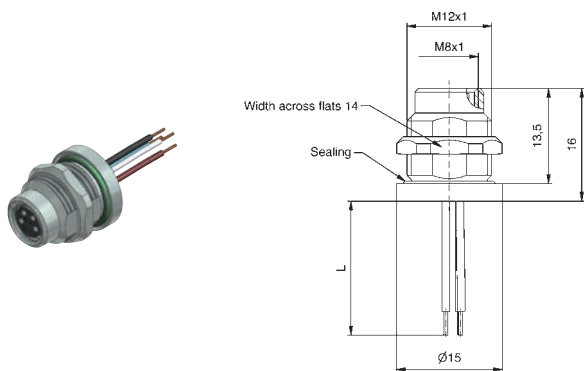


2+PE	A	300	12	10	SAL-7/8-FS2PE-P10	41-40018
4	A	300	12	10	SAL-7/8-FS4-P10	41-40019
4+PE	A	300	12	10	SAL-7/8-FS4PE-P10	41-40020

M8x1 SOCKETS

Back panel mounting, wire termination

Female connector, M12x1 thread



Contact assignment

Pin 1	Pin 5
Pin 2	Pin 6
Pin 3	Pin 7
Pin 4	Pin 8

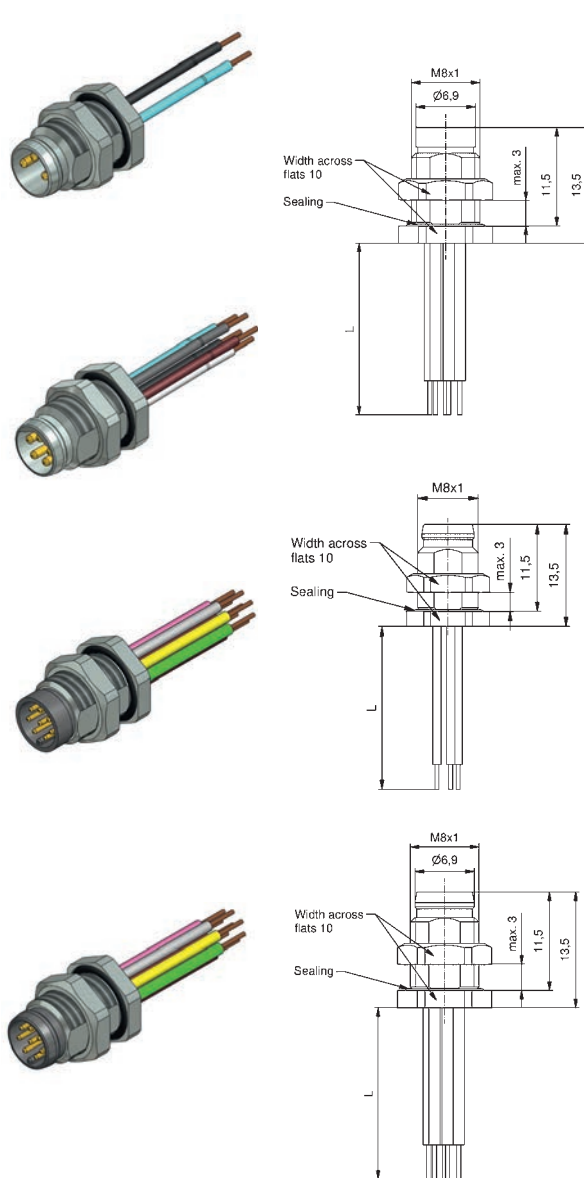
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]
3		50 V AC/ 60 V DC	3	PVC	24	0,2
4		50 V AC/ 60 V DC	3	PVC	24	0,2
5	B	30	3	PVC	24	0,2
8	A	30	1,5	PVC	26	0,2

Description

Part No.

SAL-8-FKH3-0,2	42-01147
SAL-8-FKH4-0,2	42-01148
SAL-8B-FKH5.1-0,2	42-01149
SAL-8-FKH8-0,2	42-01150

Male connector, M8x1 thread



Pin 1	Pin 5
Pin 2	Pin 6
Pin 3	Pin 7
Pin 4	Pin 8

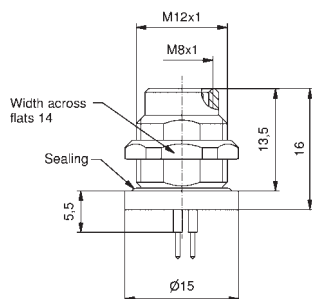
3		50 V AC/ 60 V DC	3	PVC	24	0,2
4		50 V AC/ 60 V DC	3	PVC	24	0,2
5	B	30	3	PVC	24	0,2
8	A	30	1,5	PVC	26	0,2
8	A	30	1,5	PVC	26	0,2

SAL-8-FSH3-0,2	42-01034
SAL-8-FSH4-0,2	42-01035
SAL-8B-FSH5.1-0,2	42-01102
SAL-8-FSH8-0,2	42-01167
SAL-8-FSHU8-0,2	42-01166

M8x1 SOCKETS

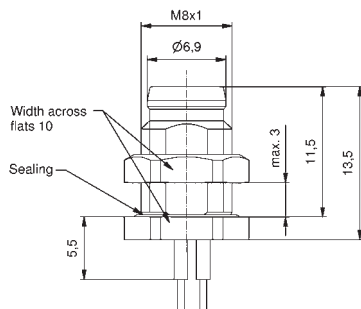
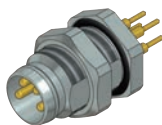
Back panel mounting, dip solder termination

Female connector, M12x1 thread



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC/ 60 V DC	3	5,5	SAL-8-FKH3-P5,5	42-01143
4		50 V AC/ 60 V DC	3	5,5	SAL-8-FKH4-P5,5	42-01144
5	B	30	3	5,5	SAL-8B-FKH5-P5,5	42-01145
8	A	30	1,5	5,5	SAL-8-FKH8-P5,5	42-01146

Male connector, M8x1 thread

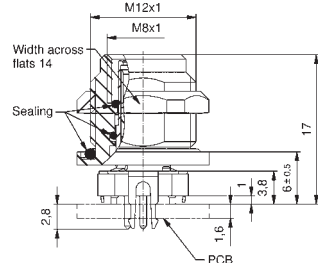


3		50 V AC/ 60 V DC	3	5,5	SAL-8-FSH3-P5,5	42-01107
4		50 V AC/ 60 V DC	3	5,5	SAL-8-FSH4-P5,5	42-01108
5	B	30	3	5,5	SAL-8B-FSH5.1-P5,5	42-01114
8	A	30	1,5	5,5	SAL-8-FS8-P5,5	42-01163
8	A	30	1,5	5,5	SAL-8-FS8U-P5,5	42-01162

M8x1 SOCKETS

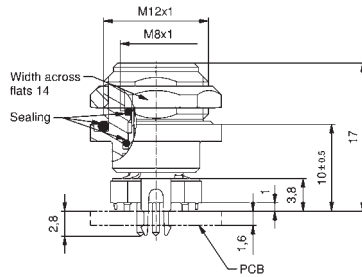
Back panel mounting, dip solder termination, shielded

Female connector axial, installation height 6 mm



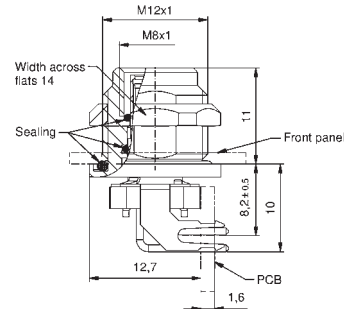
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC/ 60 V DC	4	6	SAL-8S-FKH3-X6	42-01359
4		50 V AC/ 60 V DC	4	6	SAL-8S-FKH4-X6	42-01367
5	B	30	4	6	SAL-8BS-FKH5-X6	42-01375
8	A	30	1,5	6	SAL-8S-FKH8-X6	42-01387

Female connector axial, installation height 10 mm



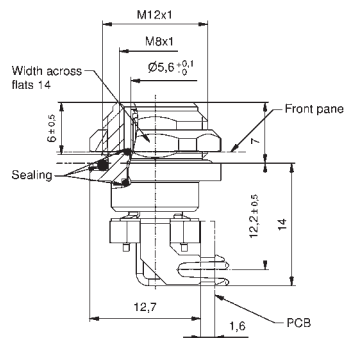
3		50 V AC/ 60 V DC	4	10	SAL-8S-FKH3-X10	42-01360
4		50 V AC/ 60 V DC	4	10	SAL-8S-FKH4-X10	42-01368
5	B	30	4	10	SAL-8BS-FKH5-X10	42-01376
8	A	30	1,5	10	SAL-8S-FKH8-X10	42-01388

Female connector angled, installation height 8.2 mm



3		50 V AC/ 60 V DC	4	8,2	SAL-8S-FKHW3-X8	42-01419
4		50 V AC/ 60 V DC	4	8,2	SAL-8S-FKHW4-X8	42-01427

Female connector angled, installation height 12.2 mm

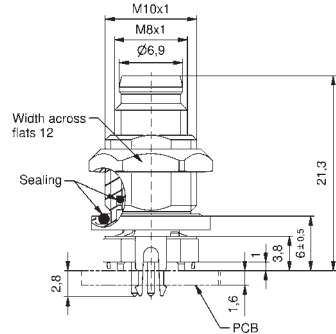


3		50 V AC/ 60 V DC	4	12,2	SAL-8S-FKHW3-X12	42-01420
4		50 V AC/ 60 V DC	4	12,2	SAL-8S-FKHW4-X12	42-01428

M8x1 SOCKETS

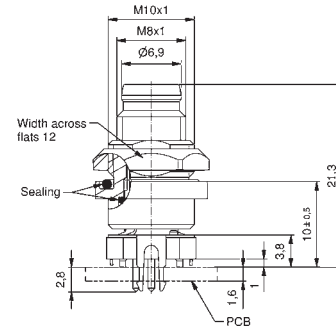
Back panel mounting, dip solder termination, shielded

Male connector axial , installation height 6 mm



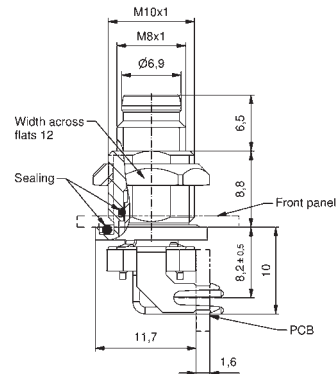
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC/ 60 V DC	4	6	SAL-8S-FSH3-X6	42-01363
4		50 V AC/ 60 V DC	4	6	SAL-8S-FSH4-X6	42-01371
5	B	30	4	6	SAL-8BS-FSH5.1-X6	42-01379
8	A	30	1,5	6	SAL-8S-FSH8-X6	42-01383

Male connector axial, installation height 10 mm



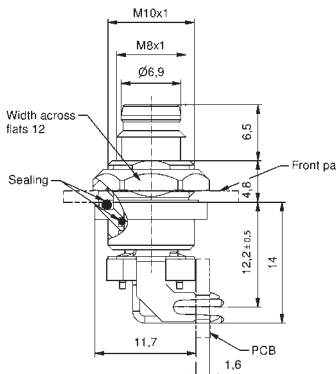
3		50 V AC/ 60 V DC	4	10	SAL-8S-FSH3-X10	42-01364
4		50 V AC/ 60 V DC	4	10	SAL-8S-FSH4-X10	42-01372
5	B	30	4	10	SAL-8BS-FSH5.1-X10	42-01380
8	A	30	1,5	10	SAL-8S-FSH8-X10	42-01384

Male connector angled, installation height 8.2 mm



3		50 V AC/ 60 V DC	4	8,2	SAL-8S-FSHW3-X8	42-01423
4		50 V AC/ 60 V DC	4	8,2	SAL-8S-FSHW4-X8	42-01431

Male connector angled, installation height 12.2 mm

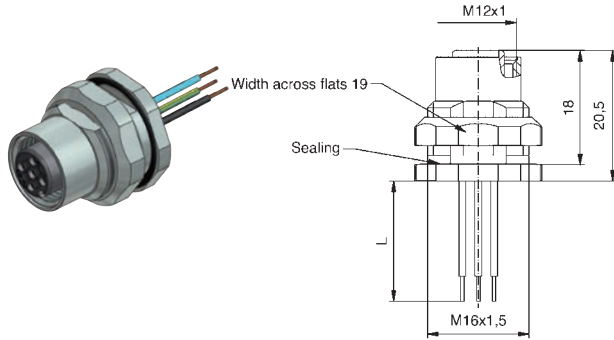


3		50 V AC/ 60 V DC	4	12,2	SAL-8S-FSHW3-X12	42-01424
4		50 V AC/ 60 V DC	4	12,2	SAL-8S-FSHW4-X12	42-01432

M12x1 SOCKETS

Back panel mounting, wire termination

Female connector, M16x1.5 thread



Contact assignment

Pin 1
Pin 2
Pin 3
Pin 4

4

A

250

4

PVC

24

0,5

SAL-12-FKH4-0,5

43-01003

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

5

A

60

4

PVC

24

0,5

SAL-12-FKH5-0,5

43-01004

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

5

A

60

4

PVC

24

0,5

SAL-12-FKH5.1-0,5

43-01048

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8

8

A

30

2

PVC

24

0,5

SAL-12-FKH8-0,5

43-01005

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6

Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

12

A

30

1,5

PVC

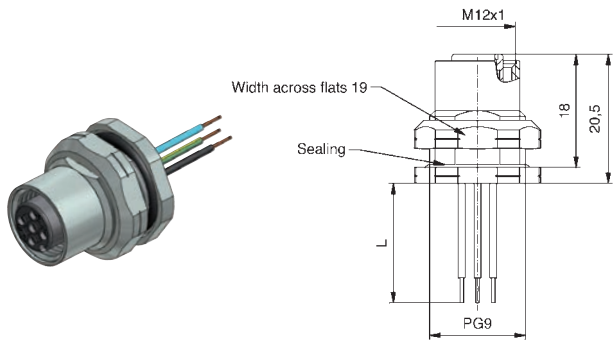
26

0,5

SAL-12-FKH12-0,5

43-01343

Female connector, PG9 thread



Pin 1
Pin 2
Pin 3
Pin 4

4

A

250

4

PVC

24

0,5

SAL-12-FKH4-0,5-9

43-01079

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

5

A

60

4

PVC

24

0,5

SAL-12-FKH5-0,5-9

43-01081

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

5

A

60

4

PVC

24

0,5

SAL-12-FKH5.1-0,5-9

43-01080

Pin 1
Pin 2
Pin 3
Pin 4

Pin 5
Pin 6
Pin 7
Pin 8

8

A

30

2

PVC

24

0,5

SAL-12-FKH8-0,5-9

43-01098

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5
Pin 6

Pin 7
Pin 8
Pin 9
Pin 10
Pin 11
Pin 12

12

A

30

1,5

PVC

26

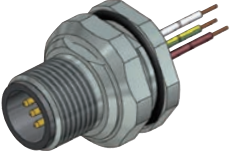
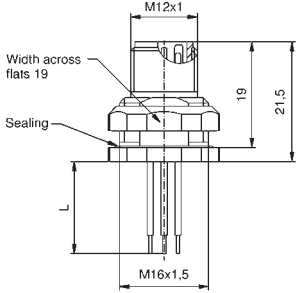
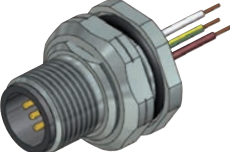
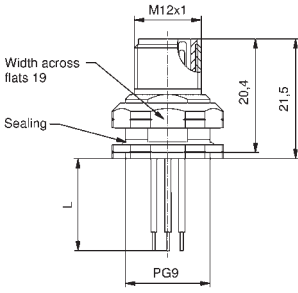
0,5

SAL-12-FKH12-0,5-9

43-01349

M12x1 SOCKETS

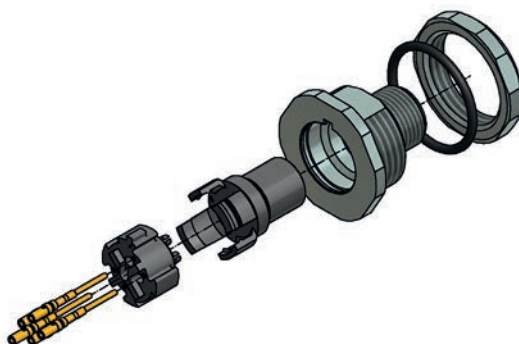
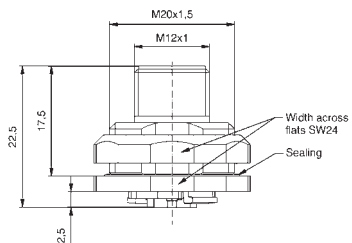
Back panel mounting, wire termination

Male connector, M16x1.5 thread		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
 	Pin 1  Pin 2  Pin 3  Pin 4 	4	A	250	4	PVC	24	0,5	SAL-12-FSH4-0,5	43-01012
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	PVC	24	0,5	SAL-12-FSH5-0,5	43-01013
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	PVC	24	0,5	SAL-12-FSH5.1-0,5	43-01052
	Pin 1  Pin 2  Pin 3  Pin 4 	8	A	30	2	PVC	24	0,5	SAL-12-FSH8-0,5	43-01014
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5  Pin 6 	12	A	30	1,5	PVC	26	0,5	SAL-12-FSH12-0,5	43-01344
Male connector, M16x1.5 thread										
 	Pin 1  Pin 2  Pin 3  Pin 4 	4	A	250	4	PVC	24	0,5	SAL-12-FSH4-0,5-9	43-01088
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	PVC	24	0,5	SAL-12-FSH5-0,5-9	43-01090
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	PVC	24	0,5	SAL-12-FSH5.1-0,5-9	43-01089
	Pin 1  Pin 2  Pin 3  Pin 4 	8	A	30	2	PVC	24	0,5	SAL-12-FSH8-0,5-9	43-01100
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5  Pin 6 	12	A	30	1,5	PVC	26	0,5	SAL-12-FSH12-0,5-9	43-01350

M12x1 SOCKETS FIELD ATTACHABLE

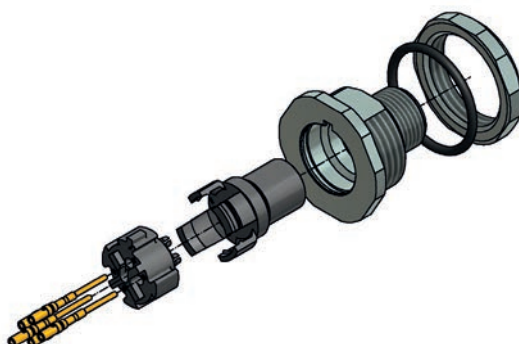
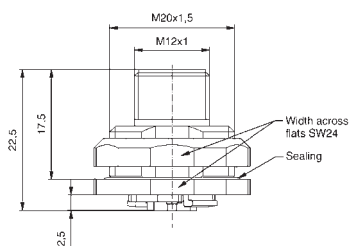
Back panel mounting, wire termination

Male connector, M20x1.5 thread, IP67/IP20



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire cross section [AWG]	Degree of protection	Description	Part No.
4	A	250	4	AWG22 up to max. AWG20	IP 67 *	SAL-12-FSHC4	43-02691
5	A	60	4	AWG22 up to max. AWG20	IP 67 *	SAL-12-FSHC5	43-02613
5	A	60	4	AWG22 up to max. AWG20	IP 67 *	SAL-12-FSHC5.1	43-02632
8	A	30	2	AWG24 up to max. AWG22	IP 67 *	SAL-12-FSHC8	43-02614

Male connector, M20x1.5 thread, IP67/IP65



4	A	250	4	AWG22 up to max. AWG20 IP65/ IP67 **	SAL-12-FSHC4/ A1065	43-02747
5	A	60	4	AWG22 up to max. AWG20 IP65/ IP67 **	SAL-12-FSHC5/ A1065	43-02748
5	A	60	4	AWG22 up to max. AWG20 IP65/ IP67 **	SAL-12-FSHC5.1/ A1065	43-02749
8	A	30	2	AWG24 up to max. AWG22 IP65/ IP67 **	SAL-12-FSHC8/ A1065	43-02750

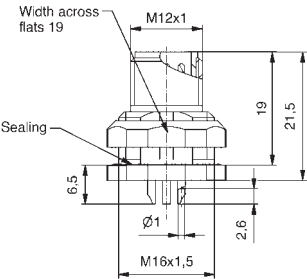
* in mated condition

** in unmated condition IP65; in mated condition IP67

M12x1 SOCKETS

Back panel mounting, solder termination/solder cup

Male connector, M16x1.5 thread

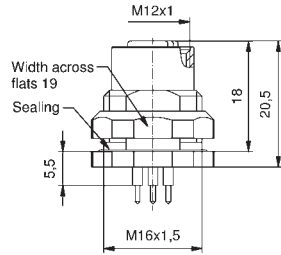


Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	5,5	SAL-12-FSH4-L	43-02297
5	A	60	4	5,5	SAL-12-FSH5.1-L	43-02298

M12x1 SOCKETS

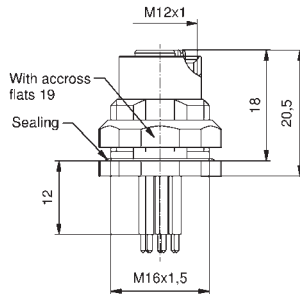
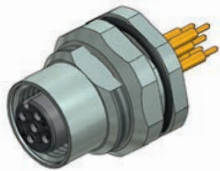
Back panel mounting, dip solder termination

Female connector, M16x1.5 thread, installation height 5.5 mm



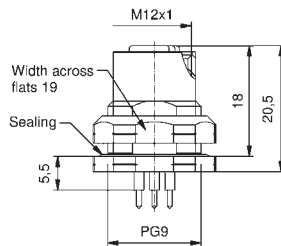
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	5,5	SAL-12-FKH4-P5,5	43-01026
5	A	60	4	5,5	SAL-12-FKH5-P5,5	43-01027
8	A	30	2	5,5	SAL-12-FKH8-P5,5	43-01028

Female connector, M16x1.5 thread, installation height 12 mm



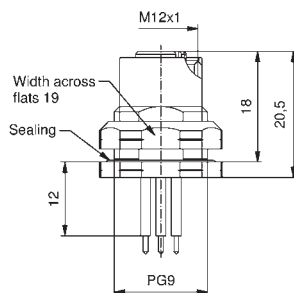
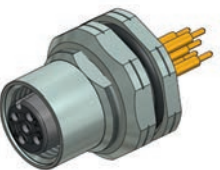
4	A	250	4	12	SAL-12-FKH4-P12	43-01029
5	A	60	4	12	SAL-12-FKH5-P12	43-01030
8	A	30	2	12	SAL-12-FKH8-P12	43-01031

Female connector, PG9 thread, installation height 5.5 mm



4	A	250	4	5,5	SAL-12-FKH4-P5,5-9	43-01059
5	A	60	4	5,5	SAL-12-FKH5-P5,5-9	43-01061
8	A	30	2	5,5	SAL-12-FKH8-P5,5-9	43-01063

Female connector, PG9 thread, installation height 12 mm

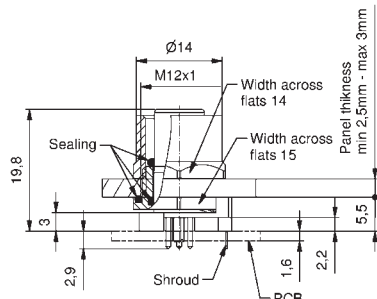


4	A	250	4	12	SAL-12-FKH8-P12-9	43-01060
5	A	60	4	12	SAL-12-FKH5-P12-9	43-01062
8	A	30	2	12	SAL-12-FKH8-P12-9	43-01064

M12x1 SOCKETS

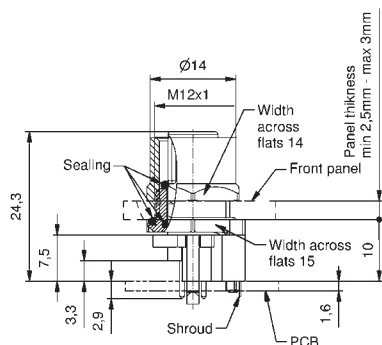
Back panel mounting, dip solder termination

Two-piece female connector, direct circuit board termination, installation height 5.5 mm



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	5,5	SAL-12-FKH4-X5,5	43-01186
4	A	250	4	5,5	SAL-12S-FKH4-X5,5	43-01187 with shroud
5	A	60	4	5,5	SAL-12-FKH5-X5,5	43-01188
5	A	60	4	5,5	SAL-12S-FKH5-X5,5	43-01189 with shroud

Two-piece female connector, direct circuit board termination, installation height 10 mm

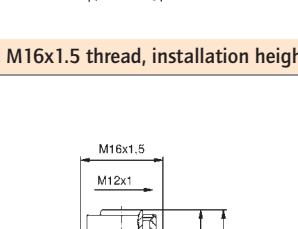
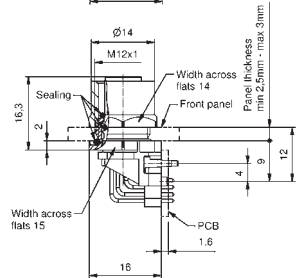
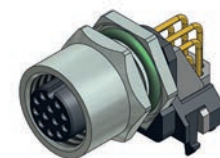
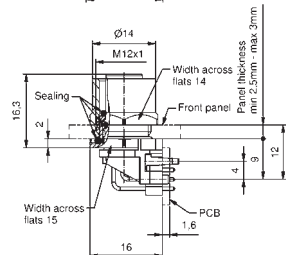
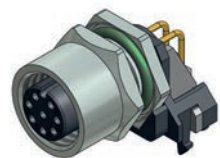
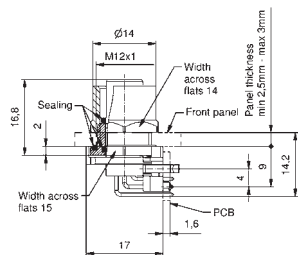
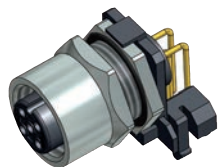


4	A	250	4	10	SAL-12-FKH4-X10	43-01170
4	A	250	4	10	SAL-12S-FKH4-X10	43-01171 with shroud
5	A	60	4	10	SAL-12-FKH5-X10	43-01172
5	A	60	4	10	SAL-12S-FKH5-X10	43-01173 with shroud
8	A	30	2	10	SAL-12-FKH8-X10	43-01334
8	A	30	2	10	SAL-12S-FKH8-X10	43-01335 with shroud

M12x1 SOCKETS

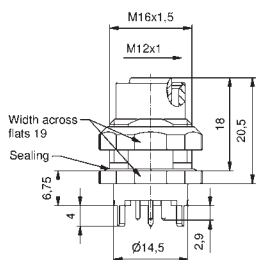
Back panel mounting, dip solder termination

Two-piece female connector angled, direct circuit board termination



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4		SAL-12-FKHW4	43-01196
4	A	250	4		SAL-12S-FKHW4	43-01197 with shroud
5	A	60	4		SAL-12-FKHW5	43-01198
5	A	60	4		SAL-12S-FKHW5	43-01199 with shroud
8	A	30	2		SAL-12-FKHW8	43-02739
8	A	30	2		SAL-12S-FKHW8	43-02740 with shroud
12	A	30	1,5		SAL-12-FKHW12	43-02741
12	A	30	1,5		SAL-12S-FKHW12	43-02742 with shroud

Female connector with shielding, M16x1.5 thread, installation height 6.75 mm



4	A	250	4	6,75	SAL-12S-FKH4-P6,75	43-01663
5	A	60	4	6,75	SAL-12S-FKH5-P6,75	43-01664
8	A	30	2	6,75	SAL-12S-FKH8-P6,75	43-01665

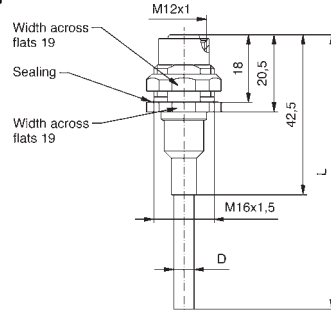
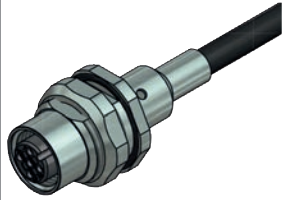
M12x1 SOCKETS

Back panel mounting, with cable, shielded

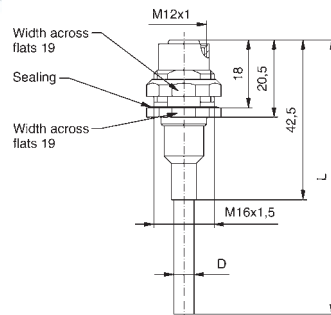
Female connector, M16x1.5 thread, TPU, UL, halogenfree, Li9YC11Y

Contact Assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	160	4	0,5	0,25	SAL-12S-FKH4-0,5/G2	43-02312
4	A	160	4	1	0,25	SAL-12S-FKH4-1/G2	43-02365
4	A	160	4	2	0,25	SAL-12S-FKH4-2/G2	43-02366

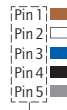
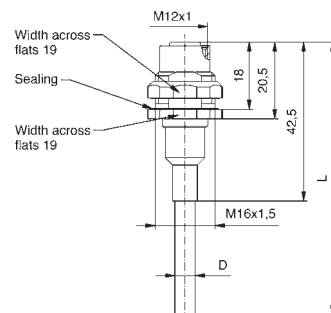
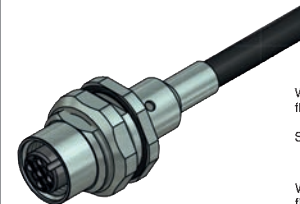


Female connector, M16x1.5 thread, PVC, UL, LiYCY



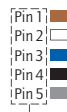
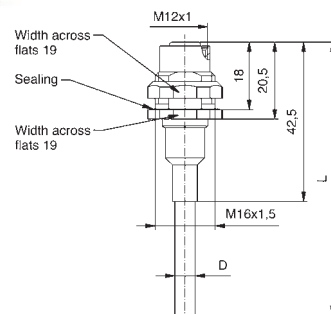
4	A	160	4	0,5	0,25	SAL-12S-FKH4-0,5/G3	43-02313
4	A	160	4	1	0,25	SAL-12S-FKH4-1/G3	43-02367
4	A	160	4	2	0,25	SAL-12S-FKH4-2/G3	43-02368

Female connector, M16x1.5 thread, TPU, UL, halogenfree, Li9YC11Y



5	A	60	4	0,5	0,25	SAL-12S-FKH5.1-0,5/G2	43-02314
5	A	60	4	1	0,25	SAL-12S-FKH5.1-1/G2	43-02369
5	A	60	4	2	0,25	SAL-12S-FKH5.1-2/G2	43-02370

Female connector, M16x1.5 thread, PVC, UL, LiYCY

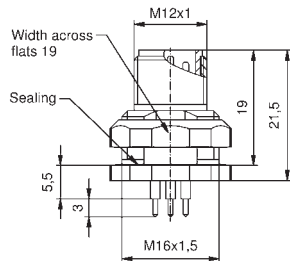


5	A	60	4	0,5	0,25	SAL-12S-FKH5.1-0,5/G3	43-02315
5	A	60	4	1	0,25	SAL-12S-FKH5.1-1/G3	43-02371
5	A	60	4	2	0,25	SAL-12S-FKH5.1-2/G3	43-02372

M12x1 SOCKETS

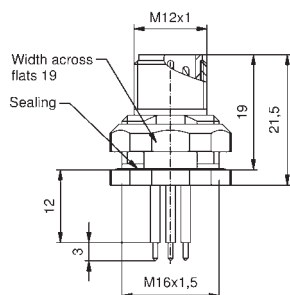
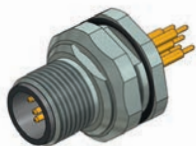
Back panel mounting, dip solder termination

Male connector, M16x1.5 thread, installation height 5.5 mm



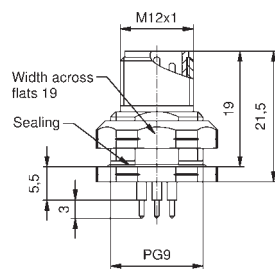
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	5,5	SAL-12-FSH4-P5,5	43-01032
5	A	60	4	5,5	SAL-12-FSH5-P5,5	43-01033
8	A	30	2	5,5	SAL-12-FSH8-P5,5	43-01034

Male connector, M16x1.5 thread, installation height 12 mm



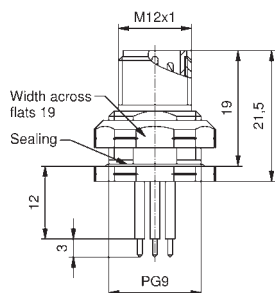
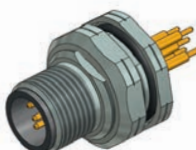
4	A	250	4	12	SAL-12-FSH4-P12	43-01035
5	A	60	4	12	SAL-12-FSH5-P12	43-01036
8	A	30	2	12	SAL-12-FSH8-P12	43-01037

Male connector, PG9 thread, installation height 5.5 mm



4	A	250	4	5,5	SAL-12-FSH4-P5,5-9	43-01065
5	A	60	4	5,5	SAL-12-FSH5-P5,5-9	43-01069
8	A	30	2	5,5	SAL-12-FSH8-P5,5-9	43-01071

Male connector, PG9 thread, installation height 12 mm

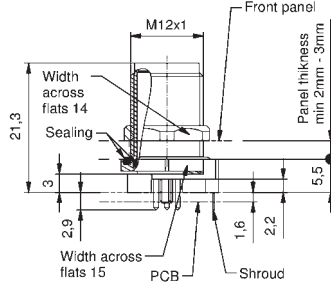


4	A	250	4	12	SAL-12-FSH4-P12-9	43-01066
5	A	60	4	12	SAL-12-FSH5-P12-9	43-01070
8	A	30	2	12	SAL-12-FSH8-P12-9	43-01072

M12x1 SOCKETS

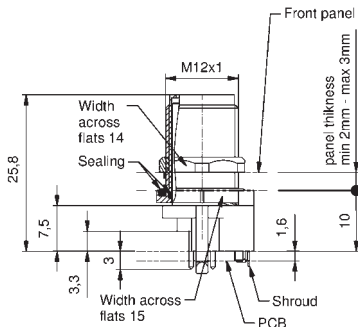
Back panel mounting, dip solder termination

Two-piece male connector, direct circuit board termination, installation height 5.5 mm



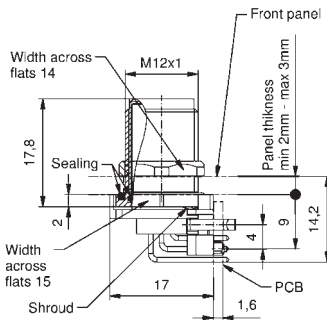
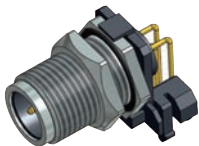
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	5,5	SAL-12-FSH4-X5,5	43-01190
4	A	250	4	5,5	SAL-12S-FSH4-X5,5	43-01191 with shroud
5	A	60	4	5,5	SAL-12-FSH5.1-X5,5	43-01192
5	A	60	4	5,5	SAL-12S-FSH5.1-X5,5	43-01193 with shroud

Two-piece male connector, direct circuit board termination, installation height 10 mm



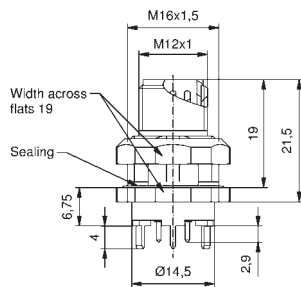
4	A	250	4	10	SAL-12-FSH4-X10	43-01174
4	A	250	4	10	SAL-12S-FSH4-X10	43-01175 with shroud
5	A	60	4	10	SAL-12-FSH5.1-X10	43-01176
5	A	60	4	10	SAL-12S-FSH5.1-X10	43-01177 with shroud

Two-piece male connector, angled, direct circuit board termination



4	A	250	4		SAL-12-FSHW4	43-01204
4	A	250	4		SAL-12S-FSHW4	43-01205 with shroud
5	A	60	4		SAL-12-FSHW5.1	43-01206
5	A	60	4		SAL-12S-FSHW5.1	43-01207 with shroud

Male connector with shielded connection, M16x1,5 thread



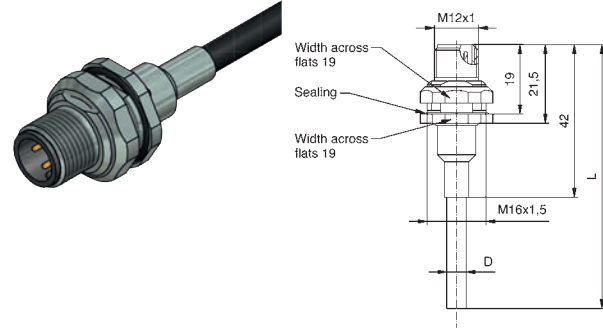
4	A	250	4	6,75	SAL-12S-FSH4-P6,75	43-02204
5	A	60	4	6,75	SAL-12S-FSH5.1-P6,75	43-02205

M12x1 SOCKETS

Back panel mounting with cable, shielded

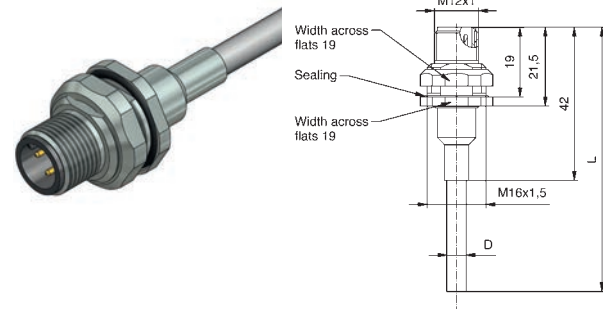
Female connector, M16x1.5 thread, TPU, UL, halogenfree, Li9YC11Y

Contact Assignment



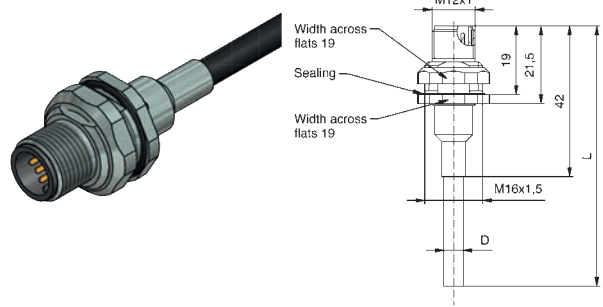
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	160	4	0,5	0,25	SAL-12S-FSH4-0,5/G2	43-02308
4	A	160	4	1	0,25	SAL-12S-FSH4-1/G2	43-02349
4	A	160	4	2	0,25	SAL-12S-FSH4-2/G2	43-02350

Female connector, M16x1.5 thread, PVC, UL, LiYCY



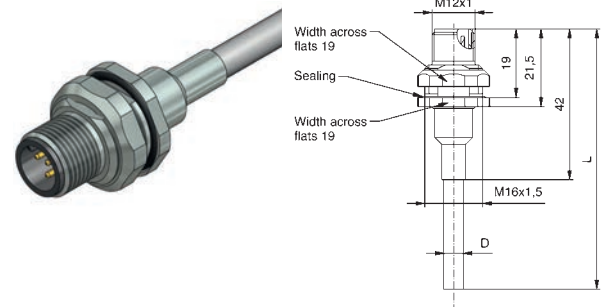
4	A	160	4	0,5	0,25	SAL-12S-FSH4-0,5/G3	43-02309
4	A	160	4	1	0,25	SAL-12S-FSH4-1/G3	43-02351
4	A	160	4	2	0,25	SAL-12S-FSH4-2/G3	43-02352

Female connector, M16x1.5 thread, TPU, UL, halogenfree, Li9YC11Y



5	A	60	4	0,5	0,25	SAL-12S-FSH5.1-0,5/G2	43-02306
5	A	60	4	1	0,25	SAL-12S-FSH5.1-1/G2	43-02353
5	A	60	4	2	0,25	SAL-12S-FSH5.1-2/G2	43-02354

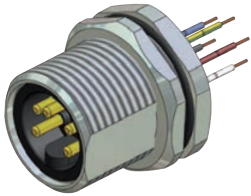
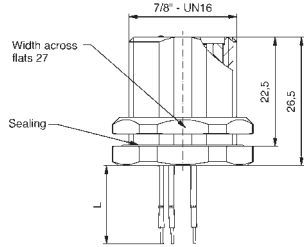
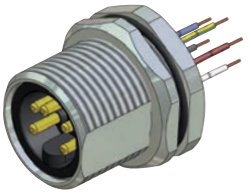
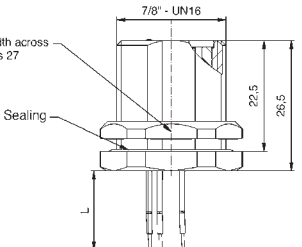
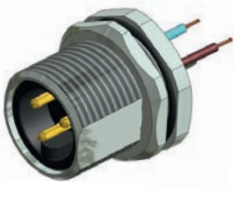
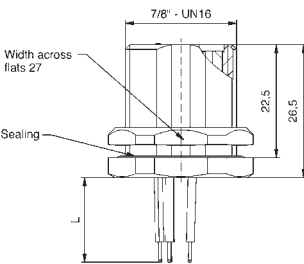
Female connector, M16x1.5 thread, PVC, UL, LiYCY



5	A	60	4	0,5	0,25	SAL-12S-FSH5.1-0,5/G3	43-02307
5	A	60	4	1	0,25	SAL-12S-FSH5.1-1/G3	43-02355
5	A	60	4	2	0,25	SAL-12S-FSH5.1-2/G3	43-02356

7/8" SOCKETS

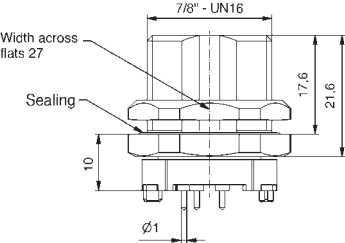
Back panel mounting, wire termination

Male connector, AWG 18			Contact Assignment	Num	Cod	Rate	Curr	Wire	Wire	Wire	Description	Part No.
		PE  Pin 2  Pin 3 	2+PE			300	8	PVC	18	0,5	SAL-7/8-FSH2PE-0,5	41-40003
		Pin 1  Pin 2  Pin 3  Pin 4 	4			300	8	PVC	18	0,5	SAL-7/8-FSH4-0,5	41-40004
		Pin 1  Pin 2  PE  Pin 4  Pin 5 	4+PE			300	8	PVC	18	0,5	SAL-7/8-FSH4PE-0,5	41-40005
Male connector, AWG16												
		PE  Pin 2  Pin 3 	2+PE			300	12	PVC	16	0,5	SAL-7/8-FSH2PE-0,5/150	41-40012
		Pin 1  Pin 2  Pin 3  Pin 4 	4			300	12	PVC	16	0,5	SAL-7/8-FSH4-0,5/150	41-40013
		Pin 1  Pin 2  PE  Pin 4  Pin 5 	4+PE			300	12	PVC	16	0,5	SAL-7/8-FSH4PE-0,5/150	41-40014
Male connector, AWG14												
		PE  Pin 2  Pin 3 	2+PE			300	16	PVC	14	0,5	SAL-7/8-FSH2PE-0,5/250	41-40123
		Pin 1  Pin 2  PE  Pin 4  Pin 5 	4+PE			300	16	PVC	14	0,5	SAL-7/8-FSH4PE-0,5/250	41-40124

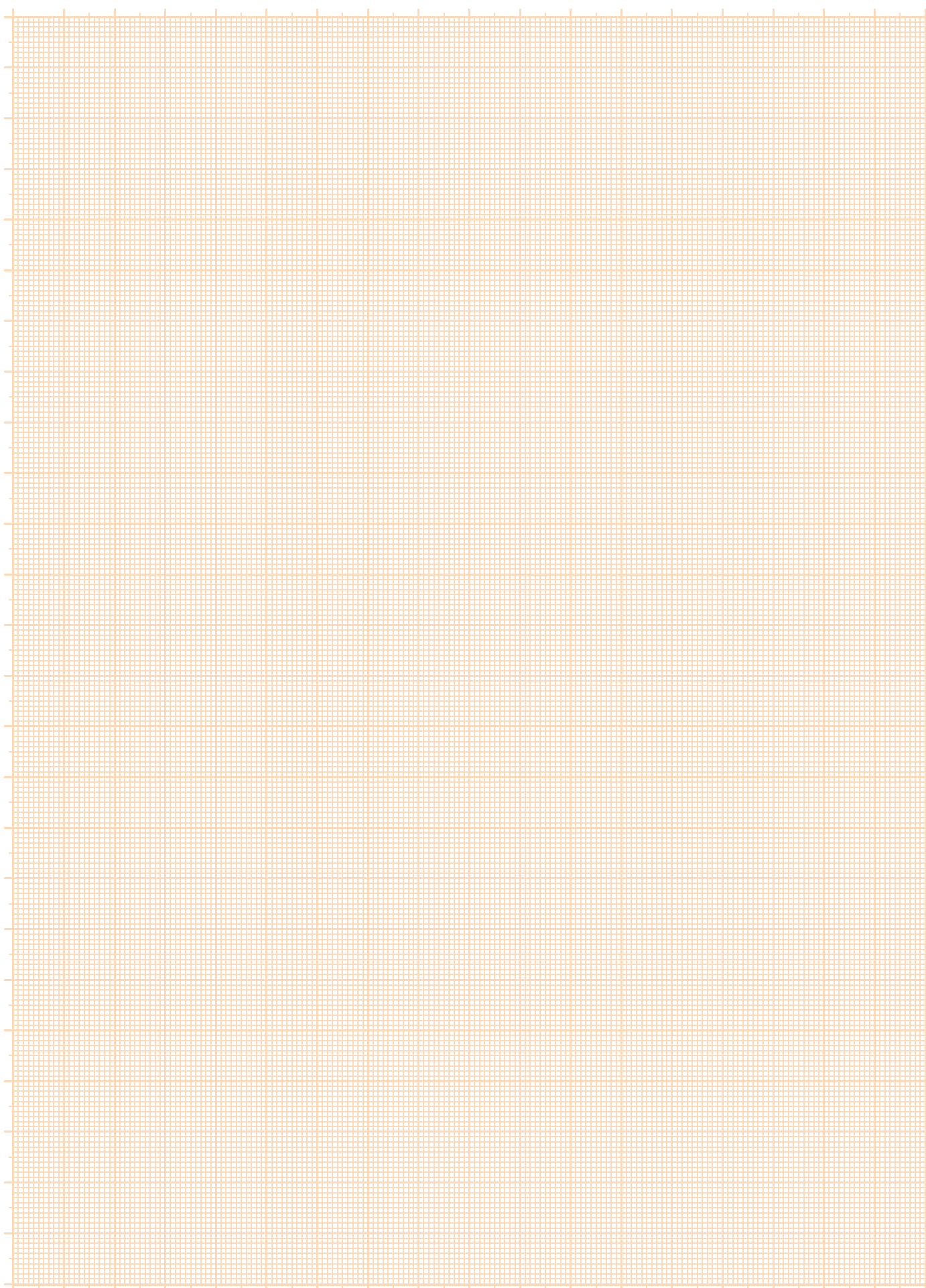
7/8" SOCKETS

Back panel mounting, dip solder termination

Two-piece female connector, direct circuit board termination, installation height 10 mm



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
2+PE		300	12	10	SAL-7/8-FSH2PE-X10	41-40048
4		300	12	10	SAL-7/8-FSH4-X10	41-40049
4+PE		300	12	10	SAL-7/8-FSH4PE-X10	41-40050



SECTION 4

SOCKETS SMT / THR





SAL M8x1/M12x1 SOCKETS SMT/THR

Nomenclature

S A L - 1 2 - F K - 4 - X 9 / SMT

SAL
Sensor Actor Line

Installation size

8 = M8x1
12 = M12x1

Coding

= A-coding (M12x1), Standard (M8x1)
B = B-coding
D = D-coding
S = A-coding shielded
BS = B-coding shielded

Design

F = Socket
I = Insulation body

Gender

K = Female connector
S = Male connector

Assembly

= Front panel mounting
H = Back panel mounting

Configuration

= Axial
W = Angled

Number of poles

3 = 3-pos. 5 = 5-pos.
4 = 4-pos. 8 = 8-pos.

Type of connection/Installation height

X6 = Dip solder 6 mm X10 = Dip solder 10 mm
X8 = Dip solder 8.2 mm X12 = Dip solder 12.2 mm
X9 = Dip solder 9 mm X13 = Dip solder 13 mm

Xxx = Installation height two-piece socket

Termination

= Manual assembly
SMT = Surface Mount Technology (Reflow Soldering)
THR = Through Hole Reflow (Reflow Soldering)

SAL M8x1 / M12x1 SOCKETS SMT/THR

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	LCP GF
Soldering sheet	CuZn, Ni/Sn
Socket housing	CuZn, Ni
Sealing	FPM, NBR
Shielding	CuSn, Ni/sel. Sn

Technical Data	
Information on the following pages are basing on below mentioned IWEK-standards.	
Rated voltage	IEC 61076-2-101 / 104
Current rating	IEC 61076-2-101 / 104
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Mating cycles	IEC 60512-9a

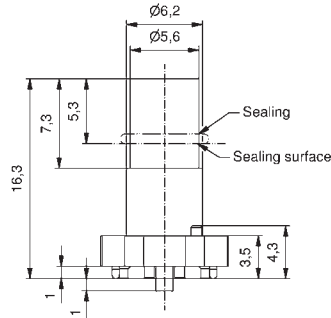
Recommended torque for housing: 1-1.2 Nm

Technical subject to change without notice.

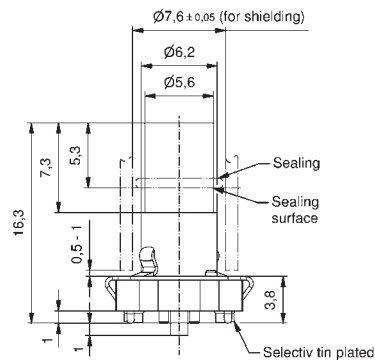
M8x1 SOCKETS SMT

Insulation body

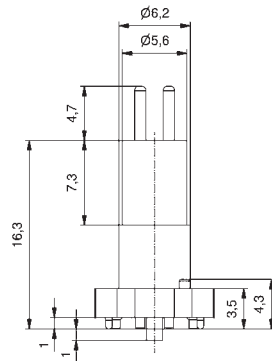
Female connector



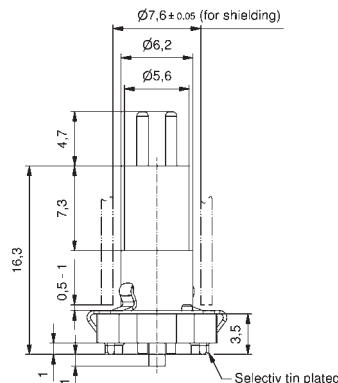
with shielding



Male connector



with shielding

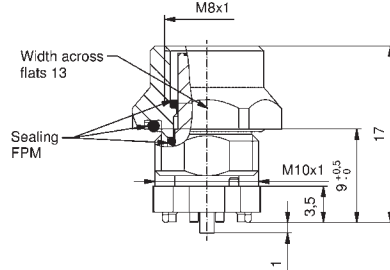


Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.
3		50 V AC / 60 V DC	4	SAL-8-IK3/SMT	Reel: 42-01213TR In bulk: 42-01213
4		50 V AC / 60 V DC	4	SAL-8-IK4/SMT	Reel: 42-01217TR In bulk: 42-01217
5	B	30 V AC/DC	3	SAL-8B-IK5/SMT	Reel: 42-01221TR In bulk: 42-01221
8	A	30 V AC/DC	2	SAL-8-IK8/SMT	Reel: 42-01225TR In bulk: 42-01225
3		50 V AC / 60 V DC	4	SAL-8S-IK3/SMT	Reel: 42-01215TR In bulk: 42-01215
4		50 V AC / 60 V DC	4	SAL-8S-IK4/SMT	Reel: 42-01219TR In bulk: 42-01219
5	B	30 V AC/DC	3	SAL-8BS-IK5/SMT	Reel: 42-01223TR In bulk: 42-01223
8	A	30 V AC/DC	2	SAL-8S-IK8/SMT	Reel: 42-01227TR In bulk: 42-01227
3		50 V AC / 60 V DC	4	SAL-8-IS3/SMT	Reel: 42-01214TR In bulk: 42-01214
4		50 V AC / 60 V DC	4	SAL-8-IS4/SMT	Reel: 42-01218TR In bulk: 42-01218
5	B	30 V AC/DC	3	SAL-8B-IS5.1/SMT	Reel: 42-01222TR In bulk: 42-01222
8	A	30 V AC/DC	2	SAL-8-IS8/SMT	Reel: 42-01226TR In bulk: 42-01226
3		50 V AC / 60 V DC	4	SAL-8S-IS3/SMT	Reel: 42-01216TR In bulk: 42-01216
4		50 V AC / 60 V DC	4	SAL-8S-IS4/SMT	Reel: 42-01220TR In bulk: 42-01220
5	B	30 V AC/DC	3	SAL-8BS-IS5.1/SMT	Reel: 42-01224TR In bulk: 42-01224
8	A	30 V AC/DC	2	SAL-8S-IS8/SMT	Reel: 42-01228TR In bulk: 42-01228

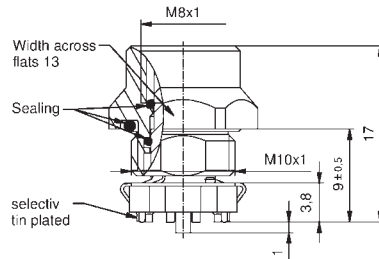
M8x1 SOCKETS SMT

Front panel mounting, installation height 9 mm

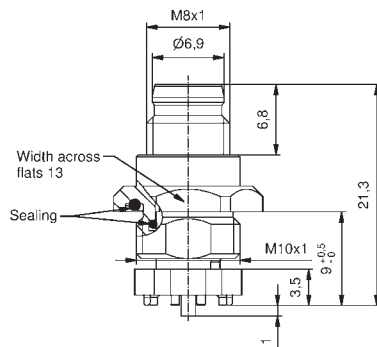
Female connector



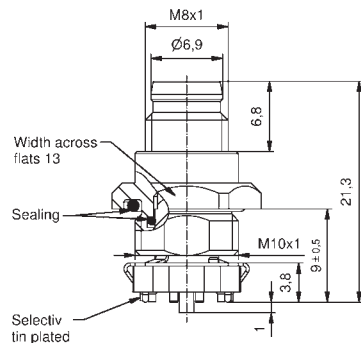
with shielding



Male connector



with shielding

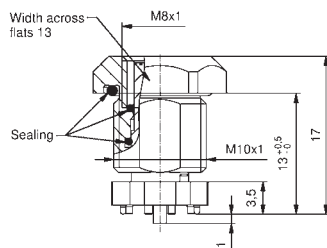


Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC / 60 V DC	4	9	SAL-8-FK3-X9/ SMT	Reel: 42-01229TR In bulk: 42-01229
4		50 V AC / 60 V DC	4	9	SAL-8-FK4-X9/ SMT	Reel: 42-01245TR In bulk: 42-01245
5	B	30 V AC/DC	3	9	SAL-8B-FK5-X9/ SMT	Reel: 42-01261TR In bulk: 42-01261
8	A	30 V AC/DC	2	9	SAL-8-FK8-X9/ SMT	Reel: 42-01277TR In bulk: 42-01277
3		50 V AC / 60 V DC	4	9	SAL-8S-FK3-X9/ SMT	Reel: 42-01233TR In bulk: 42-01233
4		50 V AC / 60 V DC	4	9	SAL-8S-FK4-X9/ SMT	Reel: 42-01249TR In bulk: 42-01249
5	B	30 V AC/DC	3	9	SAL-8BS-FK5-X9/ SMT	Reel: 42-01265TR In bulk: 42-01265
8	A	30 V AC/DC	2	9	SAL-8S-FK8-X9/ SMT	Reel: 42-01281TR In bulk: 42-01281
3		50 V AC / 60 V DC	4	9	SAL-8-FS3-X9/ SMT	Reel: 42-01237TR In bulk: 42-01237
4		50 V AC / 60 V DC	4	9	SAL-8-FS4-X9/ SMT	Reel: 42-01253TR In bulk: 42-01253
3		50 V AC / 60 V DC	4	9	SAL-8S-FS3-X9/ SMT	Reel: 42-01241TR In bulk: 42-01241
4		50 V AC / 60 V DC	4	9	SAL-8S-FS4-X9/ SMT	Reel: 42-01257TR In bulk: 42-01257

M8x1 SOCKETS SMT

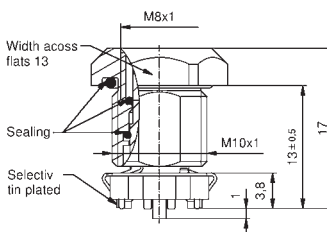
Front panel mounting, installation height 13 mm

Female connector



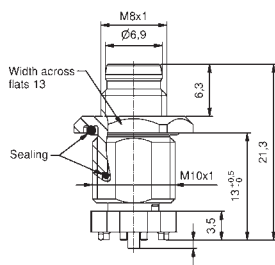
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC / 60 V DC	4	13	SAL-8-FK3-X13/ SMT	Reel: 42-01230TR In bulk: 42-01230
4		50 V AC / 60 V DC	4	13	SAL-8-FK4-X13/ SMT	Reel: 42-01246TR In bulk: 42-01246
5	B	30 V AC/DC	3	13	SAL-8B-FK5-X13/ SMT	Reel: 42-01262TR In bulk: 42-01262
8	A	30 V AC/DC	2	13	SAL-8-FK8-X13/ SMT	Reel: 42-01278TR In bulk: 42-01278

with shielding



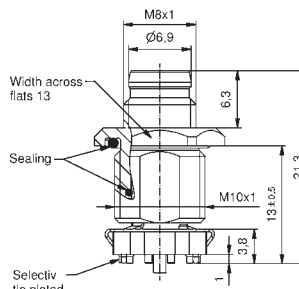
3		50 V AC / 60 V DC	4	13	SAL-8S-FK3-X13/ SMT	Reel: 42-01234TR In bulk: 42-01234
4		50 V AC / 60 V DC	4	13	SAL-8S-FK4-X13/ SMT	Reel: 42-01250TR In bulk: 42-01250
5	B	30 V AC/DC	3	13	SAL-8BS-FK5-X13/ SMT	Reel: 42-01266TR In bulk: 42-01266
8	A	30 V AC/DC	2	13	SAL-8S-FK8-X13/ SMT	Reel: 42-01282TR In bulk: 42-01282

Male connector



3		50 V AC / 60 V DC	4	13	SAL-8-FS3-X13/ SMT	Reel: 42-01238TR In bulk: 42-01238
4		50 V AC / 60 V DC	4	13	SAL-8-FS4-X13/ SMT	Reel: 42-01254TR In bulk: 42-01254

with shielding

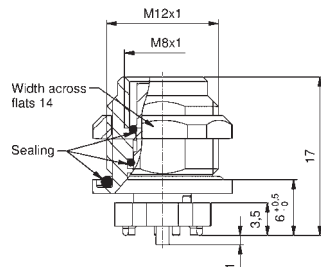


3		50 V AC / 60 V DC	4	13	SAL-8S-FS3-X13/ SMT	Reel: 42-01242TR In bulk: 42-01242
4		50 V AC / 60 V DC	4	13	SAL-8S-FS4-X13/ SMT	Reel: 42-01258TR In bulk: 42-01258

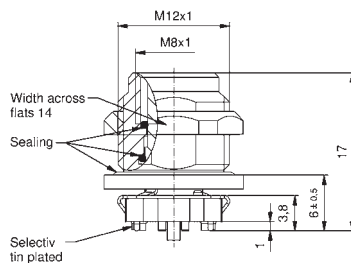
M8x1 SOCKETS SMT

Back panel mounting, installation height 6 mm

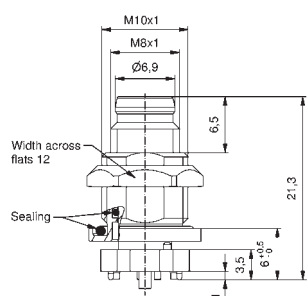
Female connector



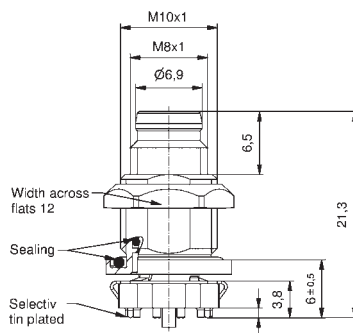
with shielding



Male connector



with shielding

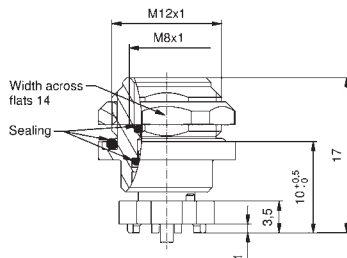


Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC / 60 V DC	4	6	SAL-8-FKH3-X6/ SMT	Reel: 42-01231TR In bulk: 42-01231
4		50 V AC / 60 V DC	4	6	SAL-8-FKH4-X6/ SMT	Reel: 42-01247TR In bulk: 42-01247
5	B	30 V AC/DC	3	6	SAL-8B-FKH5-X6/ SMT	Reel: 42-01263TR In bulk: 42-01263
8	A	30 V AC/DC	2	6	SAL-8-FKH8-X6/ SMT	Reel: 42-01279TR In bulk: 42-01279
3		50 V AC / 60 V DC	4	6	SAL-8S-FKH3-X6/ SMT	Reel: 42-01235TR In bulk: 42-01235
4		50 V AC / 60 V DC	4	6	SAL-8S-FKH4-X6/ SMT	Reel: 42-01251TR In bulk: 42-01251
5	B	30 V AC/DC	3	6	SAL-8BS-FKH5-X6/ SMT	Reel: 42-01267TR In bulk: 42-01267
8	A	30 V AC/DC	2	6	SAL-8S-FKH8-X6/ SMT	Reel: 42-01283TR In bulk: 42-01283
3		50 V AC / 60 V DC	4	6	SAL-8-FSH3-X6/ SMT	Reel: 42-01239TR In bulk: 42-01239
4		50 V AC / 60 V DC	4	6	SAL-8-FSH4-X6/ SMT	Reel: 42-01255TR In bulk: 42-01255
3		50 V AC / 60 V DC	4	6	SAL-8S-FSH3-X6/ SMT	Reel: 42-01243TR In bulk: 42-01243
4		50 V AC / 60 V DC	4	6	SAL-8S-FSH4-X6/ SMT	Reel: 42-01259TR In bulk: 42-01259

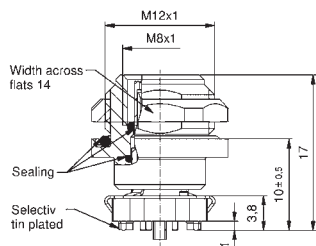
M8x1 SOCKETS SMT

Back panel mounting, installation height 10 mm

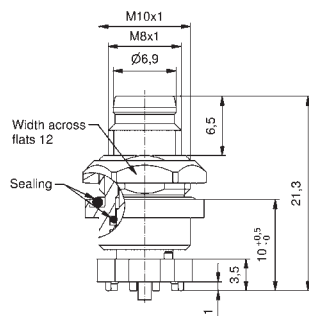
Female connector



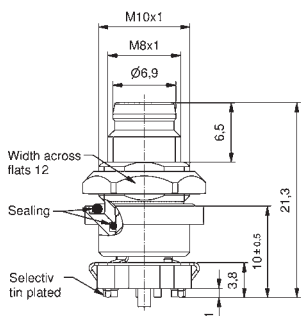
with shielding



Male connector



with shielding

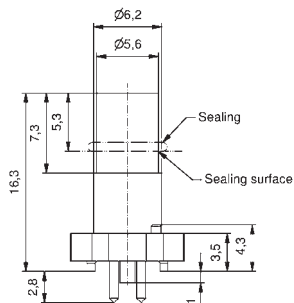


Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC / 60 V DC	4	10	SAL-8-FKH3-X10/ SMT	Reel: 42-01232TR In bulk: 42-01232
4		50 V AC / 60 V DC	4	10	SAL-8-FKH4-X10/ SMT	Reel: 42-01248TR In bulk: 42-01248
5	B	30 V AC/DC	3	10	SAL-8B-FK5-X10/ SMT	Reel: 42-01264TR In bulk: 42-01264
8	A	30 V AC/DC	2	10	SAL-8-FKH8-X10/ SMT	Reel: 42-01280TR In bulk: 42-01280
3		50 V AC / 60 V DC	4	10	SAL-8S-FKH3-X10/ SMT	Reel: 42-01236TR In bulk: 42-01236
4		50 V AC / 60 V DC	4	10	SAL-8S-FKH4-X10/ SMT	Reel: 42-01252TR In bulk: 42-01252
5	B	30 V AC/DC	3	10	SAL-8BS-FKH5-X10/ SMT	Reel: 42-01268TR In bulk: 42-01268
8	A	30 V AC/DC	2	10	SAL-8S-FKH8-X10/ SMT	Reel: 42-01284TR In bulk: 42-01284
3		50 V AC / 60 V DC	4	10	SAL-8-FSH3-X10/ SMT	Reel: 42-01240TR In bulk: 42-01240
4		50 V AC / 60 V DC	4	10	SAL-8-FSH4-X10/ SMT	Reel: 42-01256TR In bulk: 42-01256
3		50 V AC / 60 V DC	4	10	SAL-8S-FSH3-X10/ SMT	Reel: 42-01244TR In bulk: 42-01244
4		50 V AC / 60 V DC	4	10	SAL-8S-FSH4-X10/ SMT	Reel: 42-01260TR In bulk: 42-01260

M8x1 SOCKETS THR

Insulation body

Female connector



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Description

Part No.

3

50 V AC /
60 V DC

4

SAL-8-1K3/THR

Reel:
42-01389TR
In bulk:
42-01389

4

50 V AC /
60 V DC

4

SAL-8-1K4/THR

Reel:
42-01393TR
In bulk:
42-01393

5

B

30 V
AC/DC

3

SAL-8B-1K5/THR

Reel:
42-01397TR
In bulk:
42-01397

8

A

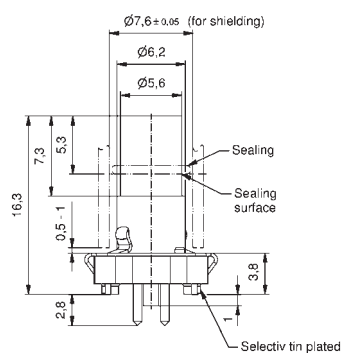
30 V
AC/DC

2

SAL-8-1K8/THR

Reel:
42-01401TR
In bulk:
42-01401

with shielding



3

50 V AC /
60 V DC

4

SAL-8S-1K3/THR

Reel:
42-01391TR
In bulk:
42-01391

4

50 V AC /
60 V DC

4

SAL-8S-1K4/THR

Reel:
42-01395TR
In bulk:
42-01395

5

B

30 V
AC/DC

3

SAL-8BS-1K5/THR

Reel:
42-01399TR
In bulk:
42-01399

8

A

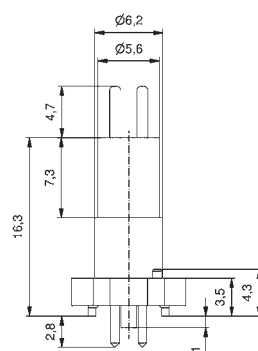
30 V
AC/DC

2

SAL-8S-1K8/THR

Reel:
42-01403TR
In bulk:
42-01403

Male connector



3

50 V AC /
60 V DC

4

SAL-8-IS3/THR

Reel:
42-01390TR
In bulk:
42-01390

4

50 V AC /
60 V DC

4

SAL-8-IS4/THR

Reel:
42-01394TR
In bulk:
42-01394

5

B

30 V
AC/DC

3

SAL-8B-IS5.1/THR

Reel:
42-01398TR
In bulk:
42-01398

8

A

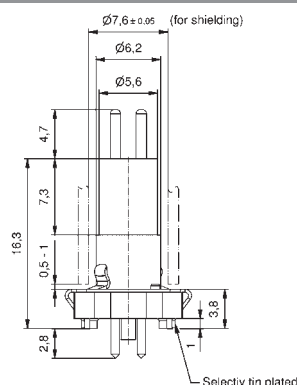
30 V
AC/DC

2

SAL-8-IS8/THR

Reel:
42-01402TR
In bulk:
42-01402

with shielding



3

50 V AC /
60 V DC

4

SAL-8S-IS3/THR

Reel:
42-01392TR
In bulk:
42-01392

4

50 V AC /
60 V DC

4

SAL-8S-IS4/THR

Reel:
42-01396TR
In bulk:
42-01396

5

B

30 V
AC/DC

3

SAL-8BS-IS5.1/THR

Reel:
42-01400TR
In bulk:
42-01400

8

A

30 V
AC/DC

2

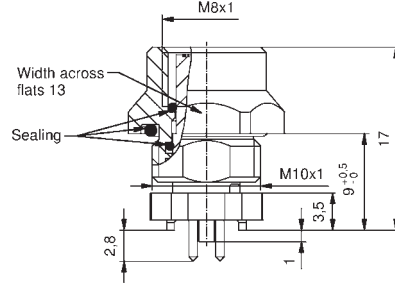
SAL-8S-IS8/THR

Reel:
42-01404TR
In bulk:
42-01404

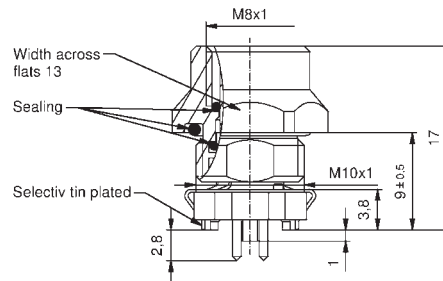
M8x1 SOCKETS THR

Front panel mounting, installation height 9 mm

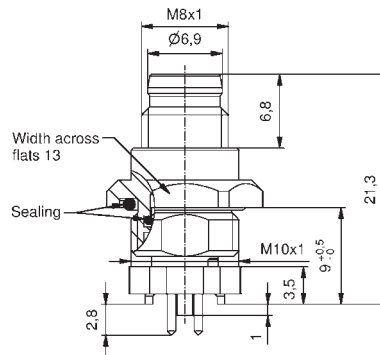
Female connector



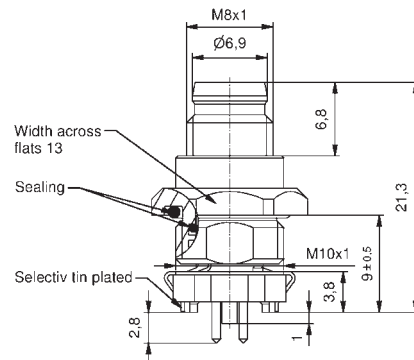
with shielding



Male connector



with shielding

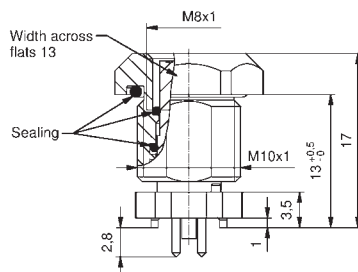


Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC / 60 V DC	4	9	SAL-8-FK3-X9/ THR	Reel: 42-01293TR In bulk: 42-01293
4		50 V AC / 60 V DC	4	9	SAL-8-FK4-X9/ THR	Reel: 42-01309TR In bulk: 42-01309
5	B	30 V AC/DC	3	9	SAL-8B-FK5-X9/ THR	Reel: 42-01325TR In bulk: 42-01325
8	A	30 V AC/DC	2	9	SAL-8-FK8-X9/ THR	Reel: 42-01341TR In bulk: 42-01341
3		50 V AC / 60 V DC	4	9	SAL-8S-FK3-X9/ THR	Reel: 42-01297TR In bulk: 42-01297
4		50 V AC / 60 V DC	4	9	SAL-8S-FK4-X9/ THR	Reel: 42-01313TR In bulk: 42-01313
5	B	30 V AC/DC	3	9	SAL-8BS-FK5-X9/ THR	Reel: 42-01329TR In bulk: 42-01329
8	A	30 V AC/DC	2	9	SAL-8S-FK8-X9/ THR	Reel: 42-01345TR In bulk: 42-01345
3		50 V AC / 60 V DC	4	9	SAL-8-FS3-X9/ THR	Reel: 42-01301TR In bulk: 42-01301
4		50 V AC / 60 V DC	4	9	SAL-8-FS4-X9/ THR	Reel: 42-01317TR In bulk: 42-01317
3		50 V AC / 60 V DC	4	9	SAL-8S-FS3-X9/ THR	Reel: 42-01305TR In bulk: 42-01305
4		50 V AC / 60 V DC	4	9	SAL-8S-FS4-X9/ THR	Reel: 42-01321TR In bulk: 42-01321

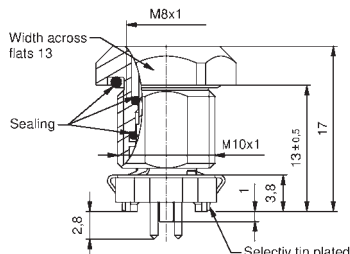
M8x1 SOCKETS THR

Front panel mounting, installation height 13 mm

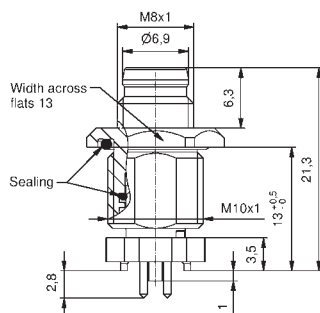
Female connector



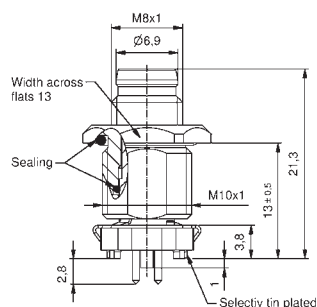
with shielding



Male connector



with shielding

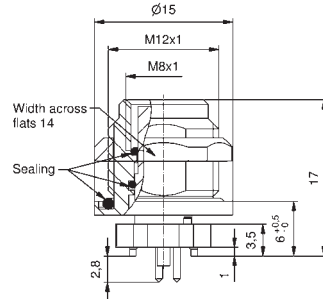


Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC / 60 V DC	4	13	SAL-8-FK3-X13/ THR	Reel: 42-01294TR In bulk: 42-01294
4		50 V AC / 60 V DC	4	13	SAL-8-FK4-X13/ THR	Reel: 42-01310TR In bulk: 42-01310
5	B	30 V AC/DC	3	13	SAL-8B-FK5-X13/ THR	Reel: 42-01326TR In bulk: 42-01326
8	A	30 V AC/DC	2	13	SAL-8-FK8-X13/ THR	Reel: 42-01342TR In bulk: 42-01342
3		50 V AC / 60 V DC	4	13	SAL-8S-FK3-X13/ THR	Reel: 42-01298TR In bulk: 42-01298
4		50 V AC / 60 V DC	4	13	SAL-8S-FK4-X13/ THR	Reel: 42-01314TR In bulk: 42-01314
5	B	30 V AC/DC	3	13	SAL-8BS-FK5-X13/ THR	Reel: 42-01330TR In bulk: 42-01330
8	A	30 V AC/DC	2	13	SAL-8S-FK8-X13/ THR	Reel: 42-01346TR In bulk: 42-01346
3		50 V AC / 60 V DC	4	13	SAL-8-FS3-X13/ THR	Reel: 42-01302TR In bulk: 42-01302
4		50 V AC / 60 V DC	4	13	SAL-8-FS4-X13/ THR	Reel: 42-01318TR In bulk: 42-01318
3		50 V AC / 60 V DC	4	13	SAL-8S-FS3-X13/ THR	Reel: 42-01306TR In bulk: 42-01306
4		50 V AC / 60 V DC	4	13	SAL-8S-FS4-X13/ THR	Reel: 42-01322TR In bulk: 42-01322

M8x1 SOCKETS THR

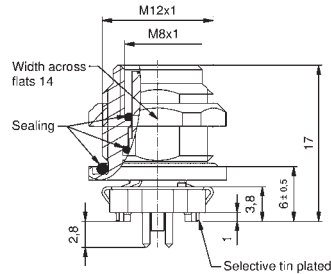
Back panel mounting, installation height 6 mm

Female connector



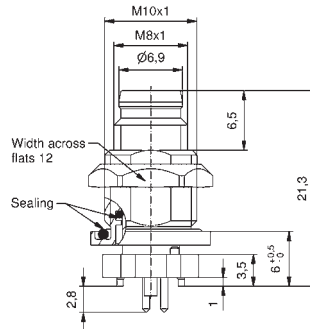
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC / 60 V DC	4	6	SAL-8-FKH3-X6/ THR	Reel: 42-01295TR In bulk: 42-01295
4		50 V AC / 60 V DC	4	6	SAL-8-FKH4-X6/ THR	Reel: 42-01311TR In bulk: 42-01311
5	B	30 V AC/DC	3	6	SAL-8B-FKH5-X6/ THR	Reel: 42-01327TR In bulk: 42-01327
8	A	30 V AC/DC	2	6	SAL-8-FKH8-X6/ THR	Reel: 42-01343TR In bulk: 42-01343

with shielding



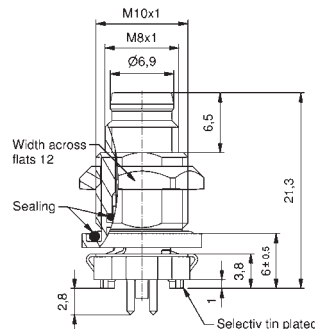
3		50 V AC / 60 V DC	4	6	SAL-8S-FKH3-X6/ THR	Reel: 42-01299TR In bulk: 42-01299
4		50 V AC / 60 V DC	4	6	SAL-8S-FKH4-X6/ THR	Reel: 42-01315TR In bulk: 42-01315
5	B	30 V AC/DC	3	6	SAL-8BS-FKH5-X6/ THR	Reel: 42-01331TR In bulk: 42-01331
8	A	30 V AC/DC	2	6	SAL-8S-FKH8-X6/ THR	Reel: 42-01347TR In bulk: 42-01347

Male connector



3		50 V AC / 60 V DC	4	6	SAL-8-FSH3-X6/ THR	Reel: 42-01303TR In bulk: 42-01303
4		50 V AC / 60 V DC	4	6	SAL-8-FSH4-X6/ THR	Reel: 42-01319TR In bulk: 42-01319

with shielding

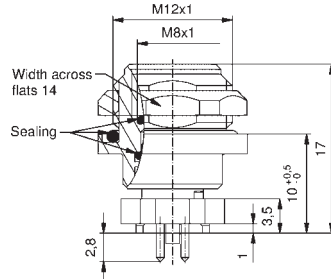


3		50 V AC / 60 V DC	4	6	SAL-8S-FSH3-X6/ THR	Reel: 42-01307TR In bulk: 42-01307
4		50 V AC / 60 V DC	4	6	SAL-8S-FSH4-X6/ THR	Reel: 42-01323TR In bulk: 42-01323

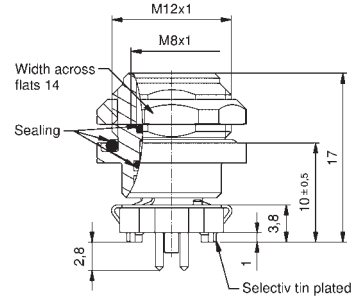
M8x1 EINBAUFLANSCH THR

Back panel mounting, installation height 10 mm

Female connector

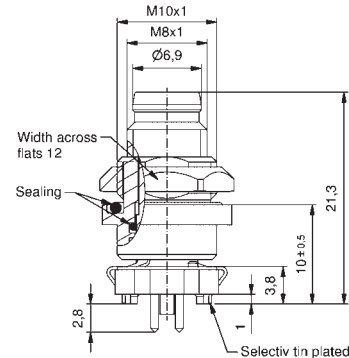


with shielding



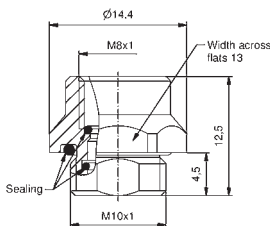
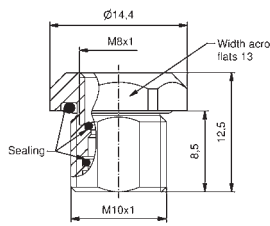
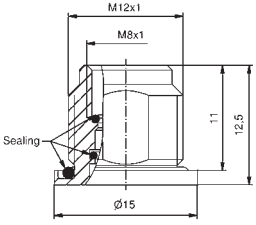
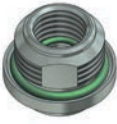
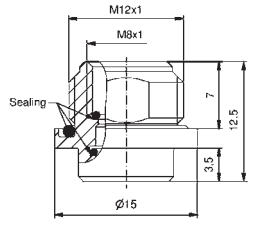
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
3		50 V AC / 60 V DC	4	10	SAL-8-FKH3-X10/ THR	Reel: 42-01296TR In bulk: 42-01296
4		50 V AC / 60 V DC	4	10	SAL-8-FKH4-X10/ THR	Reel: 42-01312TR In bulk: 42-01312
5	B	30 V AC/DC	3	10	SAL-8B-FKH5-X10/ THR	Reel: 42-01328TR In bulk: 42-01328
8	A	30 V AC/DC	2	10	SAL-8-FKH8-X10/ THR	Reel: 42-01344TR In bulk: 42-01344
3		50 V AC / 60 V DC	4	10	SAL-8S-FKH3-X10/ THR	Reel: 42-01300TR In bulk: 42-01300
4		50 V AC / 60 V DC	4	10	SAL-8S-FKH4-X10/ THR	Reel: 42-01316TR In bulk: 42-01316
5	B	30 V AC/DC	3	10	SAL-8BS-KH5-X10/ THR	Reel: 42-01332TR In bulk: 42-01332
8	A	30 V AC/DC	2	10	SAL-8S-FKH8-X10/ THR	Reel: 42-01348TR In bulk: 42-01348
Male connector						
3		50 V AC / 60 V DC	4	10	SAL-8-FSH3-X10/ THR	Reel: 42-01304TR In bulk: 42-01304
4		50 V AC / 60 V DC	4	10	SAL-8-FSH4-X10/ THR	Reel: 42-01320TR In bulk: 42-01320
3		50 V AC / 60 V DC	4	10	SAL-8S-FSH3-X10/ THR	Reel: 42-01308TR In bulk: 42-01308
4		50 V AC / 60 V DC	4	10	SAL-8S-FSH4-X10/ THR	Reel: 42-01324TR In bulk: 42-01324

with shielding



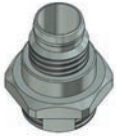
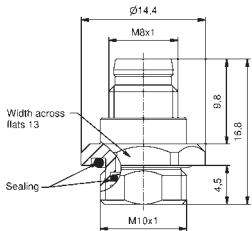
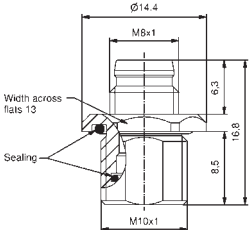
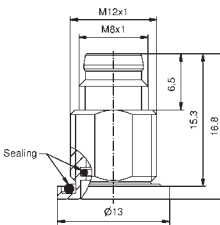
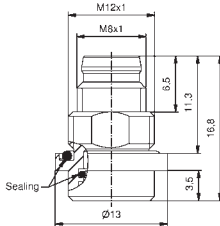
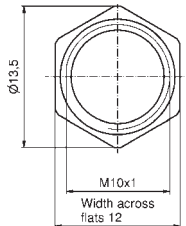
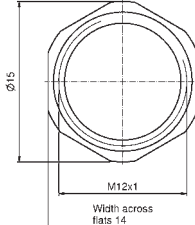
M8x1 SOCKETS SMT/THR

Installation components

Socket housing female			Front panel mounting	Back panel mounting	Size	Width across flats	Installation height [mm]	Description	Part No.
			✓		M10x1	13	9		42-01481
			✓		M10x1	13	13		42-01482
				✓	M12x1		6		42-01483
				✓	M12x1		10		42-01484

M8x1 SOCKETS SMT/THR

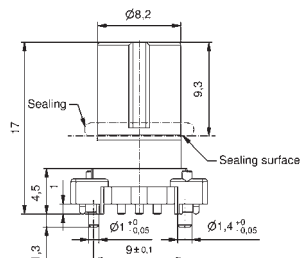
Installation components

Socket housing male			Front panel mounting	Back panel mounting	Size	Width across flats	Installation height [mm]	Description	Part No.
			✓		M10x1	13	9		42-01485
			✓		M10x1	13	13		42-01486
				✓	M10x1		6		42-01487
			✓		M10x1		10		42-01488
Hex nut									
					M10x1	12			42-01508
					M12x1	14			43-01716

M12x1 SOCKETS SMT

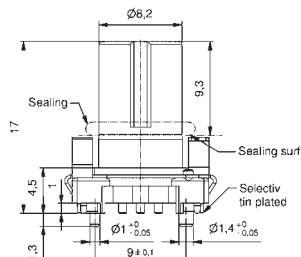
Insulation body

Female connector



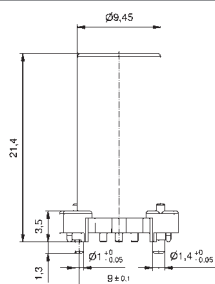
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.
4	A	250	4	SAL-12-IK4-X9/ SMT	Reel: 43-01848TR In bulk: 43-01848
5	A	60	4	SAL-12-IK5-X9/ SMT	Reel: 43-01849TR In bulk: 43-01849
8	A	30	2	SAL-12-IK8-X9/ SMT	Reel: 43-01965TR In bulk: 43-01965

with shielding



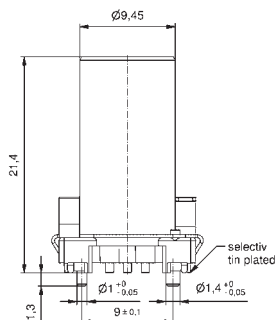
4	A	250	4	SAL-12S-IK4-X9/ SMT	Reel: 43-01850TR In bulk: 43-01850
5	A	60	4	SAL-12S-IK5-X9/ SMT	Reel: 43-01851TR In bulk: 43-01851
8	A	30	2	SAL-12S-IK8-X9/ SMT	Reel: 43-02115TR In bulk: 43-02115
4	B	30	4	SAL-12B-IK4-X9/ SMT	Reel: 43-02032TR In bulk: 43-02032
5	B	60	4	SAL-12B-IK5-X9/ SMT	Reel: 43-02033TR In bulk: 43-02033
4	D	250	4	SAL-12D-IK4-X9/ SMT	Reel: 43-02034TR In bulk: 43-02034

Male connector



4	A	250	4	SAL-12-IS4-X9/ SMT	Reel: 43-02026TR In bulk: 43-02026
5	A	60	4	SAL-12-IS5-X9/ SMT	Reel: 43-02027TR In bulk: 43-02027
8	A	30	2	SAL-12-IS8-X9/ SMT	Reel: 43-02028TR In bulk: 43-02028

with shielding

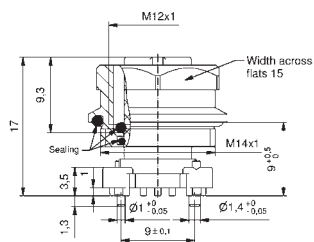


4	A	250	4	SAL-12S-IS4-X9/ SMT	Reel: 43-02118TR In bulk: 43-02118
5	A	60	4	SAL-12S-IS5-X9/ SMT	Reel: 43-02119TR In bulk: 43-02119
8	A	30	2	SAL-12S-IS8-X9/ SMT	Reel: 43-02120TR In bulk: 43-02120
4	B	30	4	SAL-12B-IS4-X9/ SMT	Reel: 43-02030TR In bulk: 43-02030
5	B	60	4	SAL-12B-IS5-X9/ SMT	Reel: 43-02031TR In bulk: 43-02031

M12x1 SOCKETS SMT

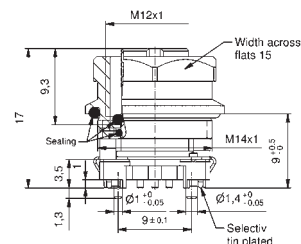
Front panel mounting, installation height 9 mm

Female connector



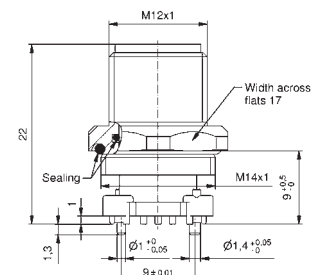
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	9	SAL-12-FK4-X9/14/SMT	Reel: 43-01852TR In bulk: 43-01852
5	A	60	4	9	SAL-12-FK5-X9/14/SMT	Reel: 43-01853TR In bulk: 43-01853
8	A	30	2	9	SAL-12-FK8-X9/14/SMT	Reel: 43-02116TR In bulk: 43-02116

with shielding



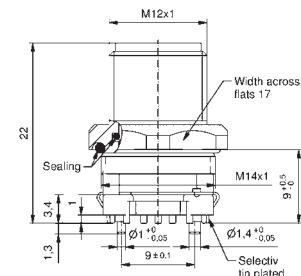
4	A	250	4	9	SAL-12S-FK4-X9/14/SMT	Reel: 43-01854TR In bulk: 43-01854
5	A	60	4	9	SAL-12S-FK5-X9/14/SMT	Reel: 43-01855TR In bulk: 43-01855
8	A	30	2	9	SAL-12S-FK8-X9/14/SMT	Reel: 43-02117TR In bulk: 43-02117

Male connector



4	A	250	4	9	SAL-12-FS4-X9/14/SMT	Reel: 43-02109TR In bulk: 43-02109
5	A	60	4	9	SAL-12-FS5-X9/14/SMT	Reel: 43-02110TR In bulk: 43-02110
8	A	30	2	9	SAL-12-FS8-X9/14/SMT	Reel: 43-02111TR In bulk: 43-02111

with shielding

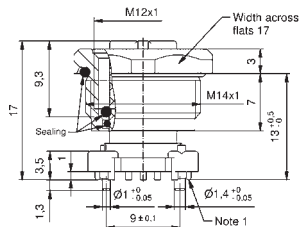


4	A	250	4	9	SAL-12S-FS4-X9/14/SMT	Reel: 43-02112TR In bulk: 43-02112
5	A	60	4	9	SAL-12S-FS5-X9/14/SMT	Reel: 43-02113TR In bulk: 43-02113
8	A	30	2	9	SAL-12S-FS8-X9/14/SMT	Reel: 43-02114TR In bulk: 43-02114

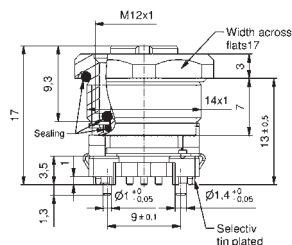
M12x1 SOCKETS SMT

Front panel mounting, installation height 13 mm

Female connector

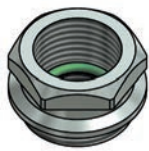
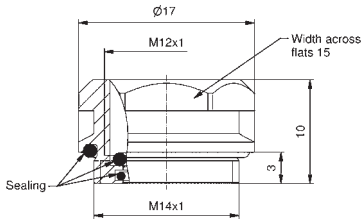
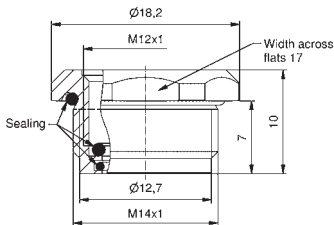
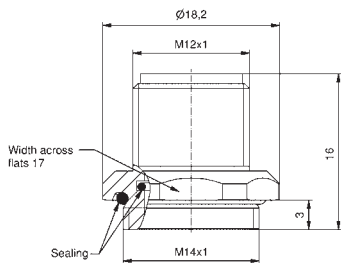
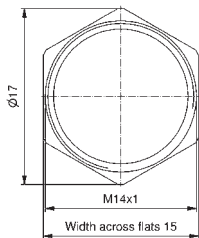


Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	13	SAL-12-FK4-X13/ 14/SMT	Reel: 43-02103TR In bulk: 43-02103
5	A	60	4	13	SAL-12-FK5-X13/ 14/SMT	Reel: 43-02104TR In bulk: 43-02104
8	A	30	2	13	SAL-12-FK8-X13/ 14/SMT	Reel: 43-02105TR In bulk: 43-02105
with shielding						
4	A	250	4	13	SAL-12S-FK4-X13/ 14/SMT	Reel: 43-02106TR In bulk: 43-02106
5	A	60	4	13	SAL-12S-FK5-X13/ 14/SMT	Reel: 43-02107TR In bulk: 43-02107
8	A	30	2	13	SAL-12S-FK8-X13/ 14/SMT	Reel: 43-02108TR In bulk: 43-02108



M12x1 SOCKETS SMT

Installation components

Socket housing female		Front panel mounting	Size	Width across flats	Installation height	Description	Part No.
		✓	M14x1	15	9		43-02129
		✓	M14x1	17	13		43-02130
Socket housing male		Front panel mounting	Size	Width across flats	Installation height	Description	Part No.
		✓	M14x1	17	9		43-02131
Hex nut		Front panel mounting	Size	Width across flats	Installation height	Description	Part No.
				15			43-02132

SECTION 5

PANEL PLUGS MALE/FEMALE





SAL M8x1/M12x1 PANEL PLUG MALE/FEMALE

Nomenclature

S A L - 8 - E S T VM 3 - P

SAL
Sensor Actor Line

Installation size
8 = M8x1/Ø 8 mm
12 = M12x1

Coding
= A-coding
S = A-coding shielded

Design
E = Panel Plug

Gender
K = Female connector
S = Male connector

Contact carrier
= Standard
T = Transparent

Type
P = Plastic M8x1
M = Metal/plastic M8x1
VM = Metal M8x1
O = with O-ring M12x1

Number of poles
3 = 3-pos.
4 = 4-pos.
5.1 = 5-pos.
8 = 8-pos.

Type of connection/Installation height
L = Solder cup
P = Dip solder
P3,3 = Dip solder 3.3 mm
Pxx = Installation height one-piece socket

SAL M8x1/M12x1 PANEL PLUG MALE/FEMALE

Product specification

Material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PA GF, UL 94 / PA 12 transparent, UL
Sealing	FPM
Socket housing	CuZn, nickel plated
Shielding	CuZn, nickel plated

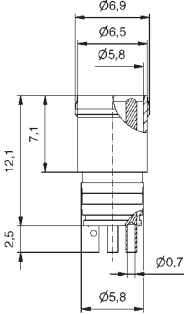
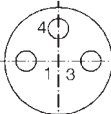
Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-101 / IEC 61076-2-104
Current rating	IEC 61076-2-101 / IEC 61076-2-104
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

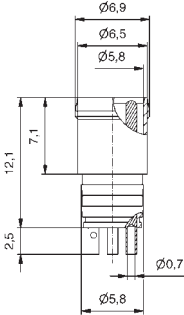
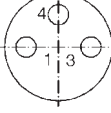
M8x1 PANEL PLUG MALE

Plastic, Solder termination

Male connector, snap-in, plastic dark grey

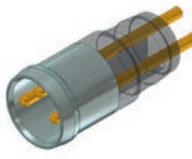
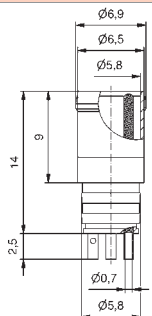
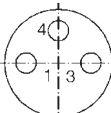
			Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.
			3		50 V AC / 60 V DC	3	SAL-8-ESP3-L	42-01004
			4		50 V AC / 60 V DC	3	SAL-8-ESP4-L	42-01006

Male connector, snap-in, plastic transparent

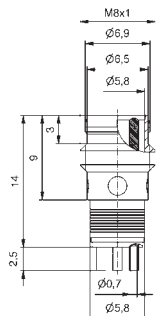
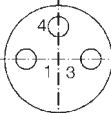
			3		50 V AC / 60 V DC	3	SAL-8-ESTP3-L	42-01005
			4		50 V AC / 60 V DC	3	SAL-8-ESTP4-L	42-01007

Metal, Solder termination

Male connector, snap-in, metal/plastic transparent

			3		50 V AC / 60 V DC	3	SAL-8-ESTM3-L	42-01002
			4		50 V AC / 60 V DC	3	SAL-8-ESTM4-L	42-01003

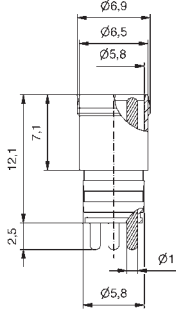
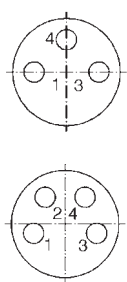
Male connector, screwable/snap-in, metal

			3		50 V AC / 60 V DC	3	SAL-8-ESTVM3-L	42-01008
			4		50 V AC / 60 V DC	3	SAL-8-ESTVM4-L	42-01009

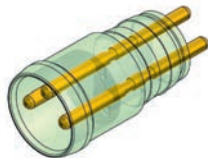
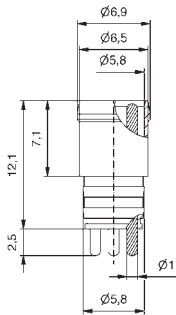
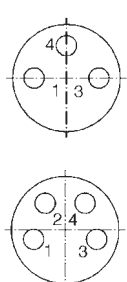
M8x1 PANEL PLUG MALE

Plastic, Dip solder termination

Male connector, snap-in, plastic dark grey

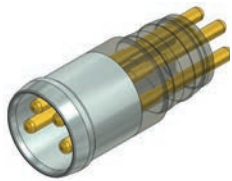
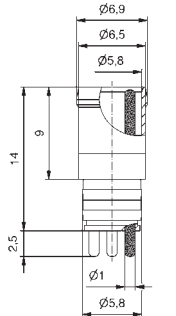
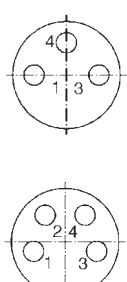
  	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.
	3		50 V AC / 60 V DC	3	SAL-8-ESP3-P	42-01012
	4		50 V AC / 60 V DC	3	SAL-8-ESP4-P	42-01014

Male connector, snap-in, plastic transparent

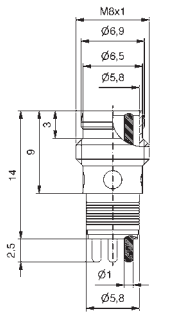
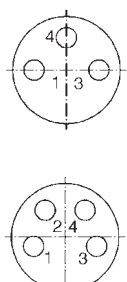
  	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.
	3		50 V AC / 60 V DC	3	SAL-8-ESTP3-P	42-01013
	4		50 V AC / 60 V DC	3	SAL-8-ESTP4-P	42-01015

Metal, Dip solder termination

Male connector, snap-in, metal/plastic transparent

  	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.
	3		50 V AC / 60 V DC	3	SAL-8-ESTM3-P	42-01010
	4		50 V AC / 60 V DC	3	SAL-8-ESTM4-P	42-01011

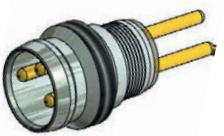
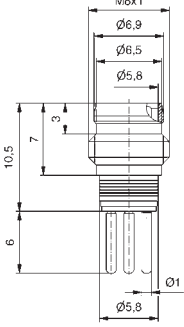
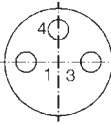
Male connector, screwable/snap-in, metal

  	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.
	3		50 V AC / 60 V DC	3	SAL-8-ESTVM3-P	42-01016
	4		50 V AC / 60 V DC	3	SAL-8-ESTVM4-P	42-01017

M8x1 PANEL PLUG MALE/FEMALE

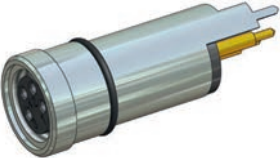
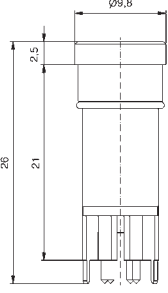
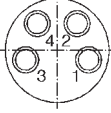
Panel plug male, Dip solder termination

Male connector, short version, screwable/snap-in, metal

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.
  	3		50 V AC/ 60 V DC	3	SAL-8-ESTVM3-P6	42-01099

Panel plug female, Dip solder termination

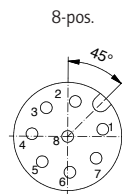
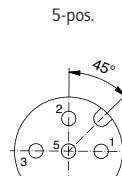
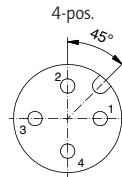
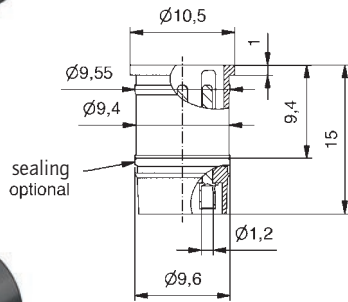
Female connector, axial, shielded, metal

	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Description	Part No.
  	4		30	3	SAL-8S-EKVM4-P	42-01038

M12x1 PANEL PLUG MALE

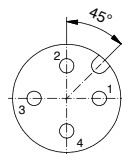
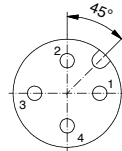
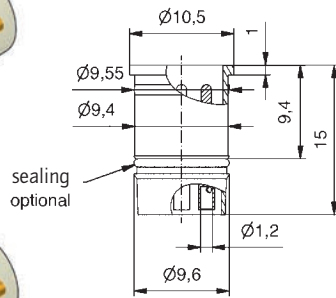
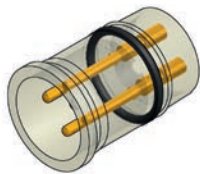
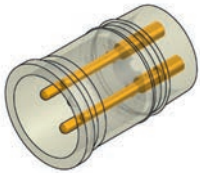
Plastic, Solder termination

Male connector, plastic black



Number of poles	Coding	Rated voltage [V]	Current rating [A]	O-ring	Description	Part No.
4	A	250	4		SAL-12-ES4-L	43-01336
5	A	60	4		SAL-12-ES5.1-L	43-01337
8	A	30	2		SAL-12-ES8-L	43-01637
4	A	250	4	✓	SAL-12-ES04-L	43-01338
5	A	60	4	✓	SAL-12-ES05.1-L	43-01339
8	A	30	2	✓	SAL-12-ES08-L	43-01638

Male connector, with gap for LED, plastic transparent

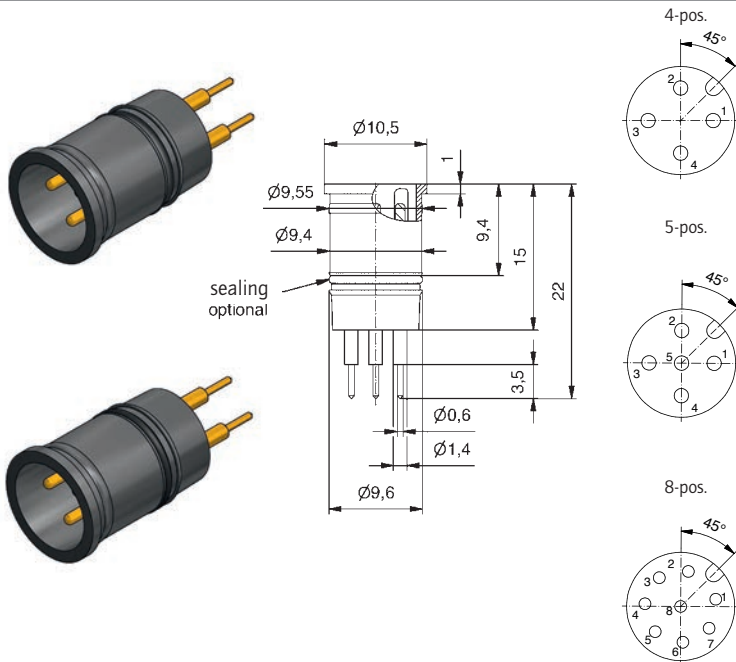


4	A	250	4		SAL-12-EST4-L	43-01682
4	A	250	4	✓	SAL-12-EST04-L	43-01340

M12x1 PANEL PLUG MALE

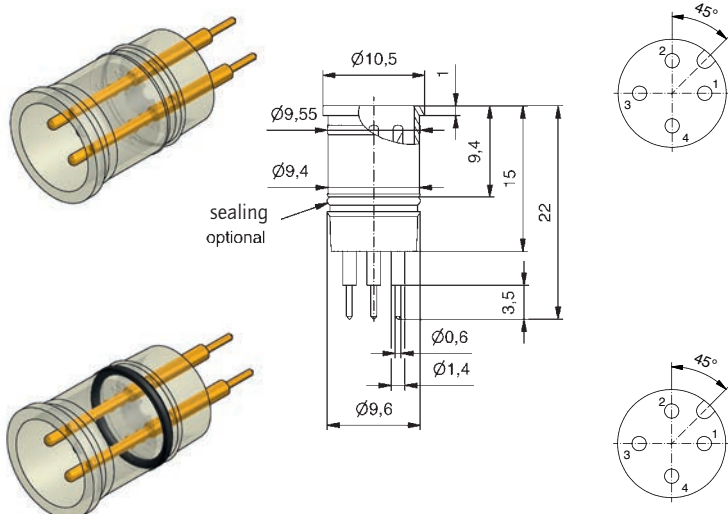
Plastic, Dip solder termination

Male connector, plastic black

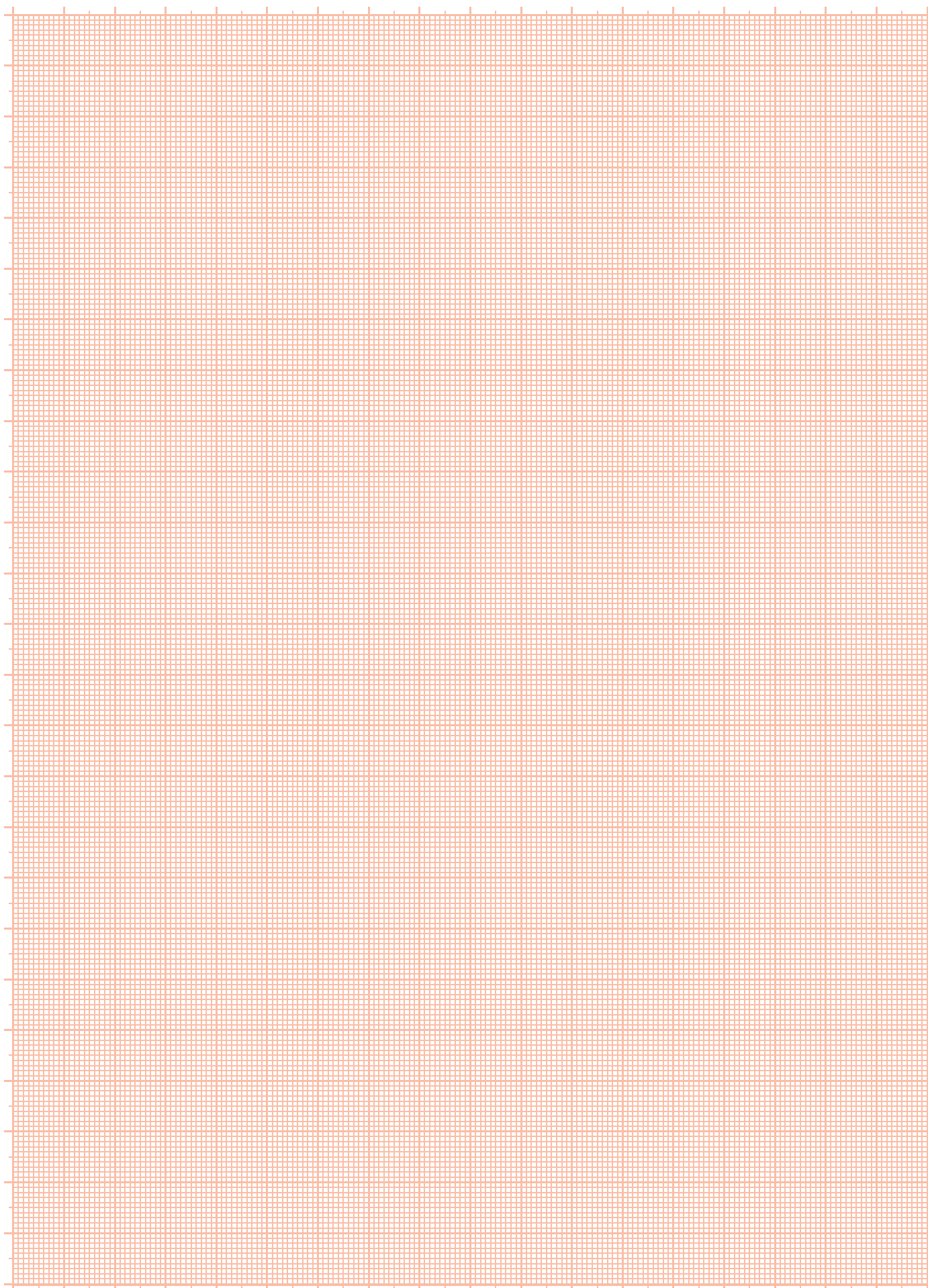


Number of poles	Coding	Rated voltage [V]	Current rating [A]	O-ring	Description	Part No.
4	A	250	4		SAL-12-ES4-P	43-01683
5	A	60	4		SAL-12-ES5.1-P	43-01688
8	A	30	2		SAL-12-ES8-P	43-01635
4	A	250	4	✓	SAL-12-ESO4-P	43-01699
5	A	60	4	✓	SAL-12-ESO5.1-P	43-01700
8	A	30	2	✓	SAL-12-ESO8-P	43-01701

Male connector, with gap for LED, plastic transparent



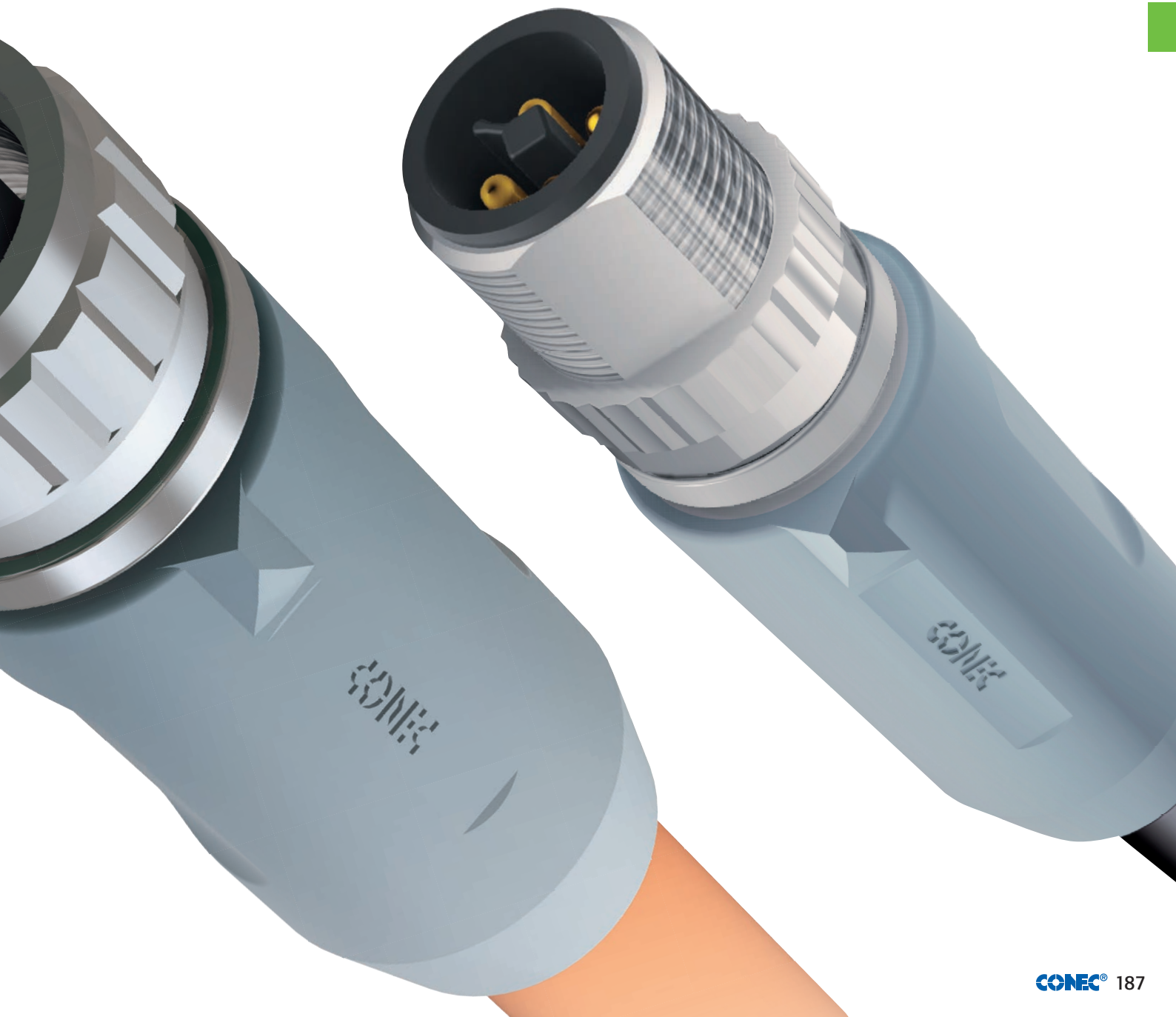
4	A	250	4		SAL-12-EST4-P	43-01636
4	A	250	4	✓	SAL-12-ESTO4-P	43-01681



SECTION 6

POWER CONNECTORS





SAL M12x1 POWER CONNECTORS OVERMOULDED

Nomenclature

S A L - 1 2 T - R K 4 - 3 / A 2

SAL
Sensor Actor Line

Installation size
12 = M12x1

Coding
SC = S-coding, shielded
T = T-coding

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial

Number of poles
3 = 3-pos.
4 = 4-pos.
2PE = 2-pos. + PE
3PE = 3-pos. + PE

Cable length
XX = Length [m]

Cable quality
A2 = PVC, black
K1 = TPU, black, highflexible, halogenfree, UL
GOA = PVC, shielded, orange, UL
GOB = TPU, shielded, orange, UL

SAL M12x1 POWER CONNECTORS OVERMOULDED

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PA6, UL94
Overmould	TPU, UL94, grey
Sealing	FPM
Coupling nut/-screw	GD-Zn, Ni
Shield sleeve	CuZn, Ni

Technical Data	Norm
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-111
Current rating	IEC 61076-2-111
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9A

Recommended torque: 0.6 Nm

Technical subject to change without notice.

SAL M12x1 POWER SOCKETS

Nomenclature

S A L - 1 2 T - F K 4 - 0,5

SAL
Sensor Actor Line

Installation size
12 = M12x1

Coding
SC = S-coding
T = T-coding

Design
F = Socket connector

Gender
K = Female connector
S = Male connector

Mounting
= Front panel mounting
H = Back panel mounting
VO = Square flange with sealing

Number of poles
3 = 3-pos.
4 = 4-pos.
2PE = 2-pos. + PE
3PE = 3-pos. + PE

Type of termination
XX = Wire length [m]

SAL M12x1 POWER SOCKETS

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PA6, UL94
Sealing	FPM
Socket housing	CuZn, Ni
Counter nut	CuZn, Ni
Sealing compound	Polyurethan-Harz, UL94

Technical Data	Norm
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-111
Current rating	IEC 61076-2-111
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9A

Recommended torque: 0.6 Nm

Technical subject to change without notice.

M12x1 POWER CONNECTORS OVERMOULDED T-coding

Female connector axial

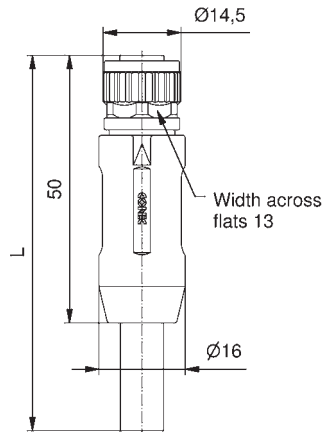
PVC, black, LiYY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	T	63	12	1,5	2	SAL-12T-RK3-2/A2	43-19044
					3	SAL-12T-RK3-3/A2	43-19045
					5	SAL-12T-RK3-5/A2	43-19046
					10	SAL-12T-RK3-10/A2	43-19047
					2	SAL-12T-RK4-2/A2	43-17132
4	T	63	12	1,5	3	SAL-12T-RK4-3/A2	43-17133
					5	SAL-12T-RK4-5/A2	43-17134
					10	SAL-12T-RK4-10/A2	43-17135
					2	SAL-12T-RK4-2/K1	43-19083



Pin 1
Pin 3
Pin 4



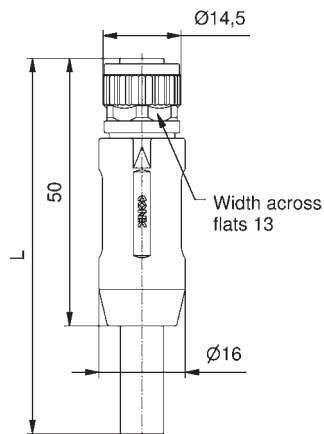
Pin 1
Pin 2
Pin 3
Pin 4

TPU, black, Li9Y11Y

3	T	63	12	1,5	2	SAL-12T-RK3-2/K1	43-19083
					3	SAL-12T-RK3-3/K1	43-19084
					5	SAL-12T-RK3-5/K1	43-19085
					10	SAL-12T-RK3-10/K1	43-19086
4	T	63	12	1,5	2	SAL-12T-RK4-2/K1	43-17582
					3	SAL-12T-RK4-3/K1	43-17922
					5	SAL-12T-RK4-5/K1	43-17923
					10	SAL-12T-RK4-10/K1	43-17924



Pin 1
Pin 3
Pin 4



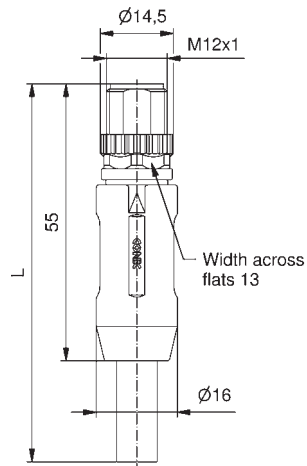
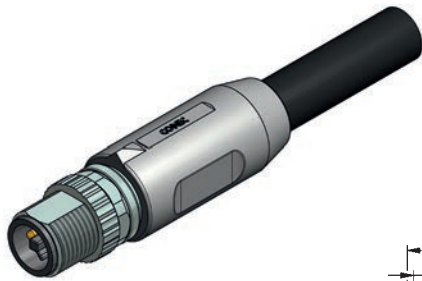
Pin 1
Pin 2
Pin 3
Pin 4

M12x1 Power Connectors OVERMOULDED T-coding

Male connector axial

PVC, black, LiYY

Contact assignment

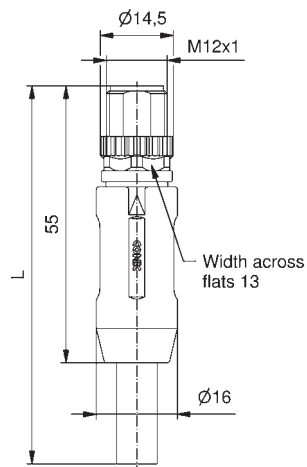


Pin 1 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
Pin 3 
Pin 4 

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	T	63	12	1,5	2	SAL-12T-RS3-2/A2	43-19048
					3	SAL-12T-RS3-3/A2	43-19049
					5	SAL-12T-RS3-5/A2	43-19050
					10	SAL-12T-RS3-10/A2	43-19051
4	T	63	12	1,5	2	SAL-12T-RS4-2/A2	43-17140
					3	SAL-12T-RS4-3/A2	43-17141
					5	SAL-12T-RS4-5/A2	43-17142
					10	SAL-12T-RS4-10/A2	43-17143

TPU, black, Li9Y11Y



Pin 1 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
Pin 3 
Pin 4 

3	T	63	12	1,5	2	SAL-12T-RS3-2/K1	43-19087
					3	SAL-12T-RS3-3/K1	43-19088
					5	SAL-12T-RS3-5/K1	43-19089
					10	SAL-12T-RS3-10/K1	43-19090
4	T	63	12	1,5	2	SAL-12T-RS4-2/K1	43-17581
					3	SAL-12T-RS4-3/K1	43-17930
					5	SAL-12T-RS4-5/K1	43-17931
					10	SAL-12T-RS4-10/K1	43-17932

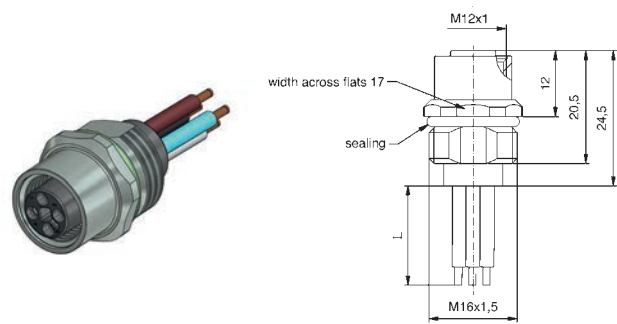
M12x1 POWER SOCKETS

T-coding

Front panel mounting, wire termination

Female connector M16x1,5 thread

Contact assignment



Pin 1 
Pin 3 
Pin 4 

3

T

63

12

PVC

16

0,5

SAL-12T-FK3-0,5

43-02412

Pin 1 
Pin 2 
Pin 3 
Pin 4 

4

T

63

12

PVC

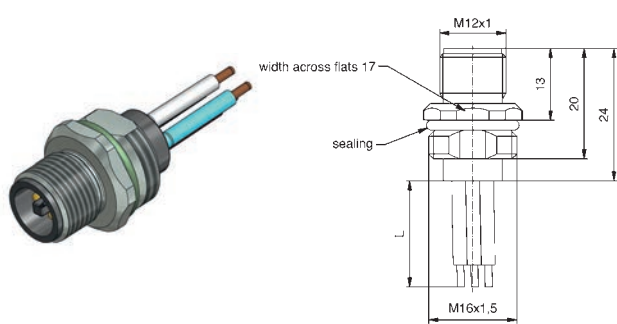
16

0,5

SAL-12T-FK4-0,5

43-02393

Male connector M16x1,5 thread



Pin 1 
Pin 3 
Pin 4 

3

T

63

12

PVC

16

0,5

SAL-12T-FS3-0,5

43-02413

Pin 1 
Pin 2 
Pin 3 
Pin 4 

4

T

63

12

PVC

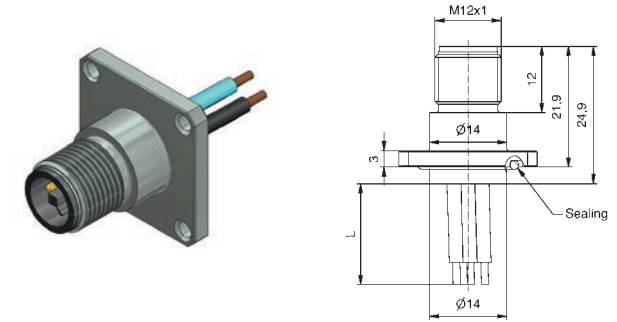
16

0,5

SAL-12T-FS4-0,5

43-02395

Male connector square flange 26 mm



Pin 1 
Pin 3 
Pin 4 

3

T

63

12

PVC

16

0,5

SAL-12T-FSV03-0,5

43-02498

Pin 1 
Pin 2 
Pin 3 
Pin 4 

4

T

63

12

PVC

16

0,5

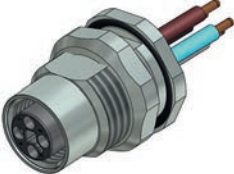
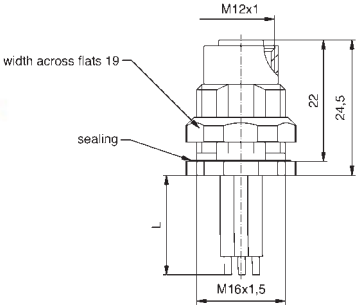
SAL-12T-FSV04-0,5

43-02499

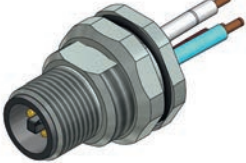
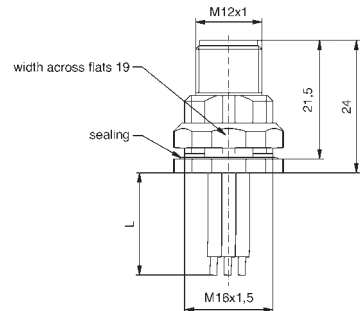
M12x1 POWER SOCKETS
T-coding

Back panel mounting, wire termination

Female connector M16x1,5 thread

Female connector M16x1,5 thread	Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [mm²]	Wire lenght = L [m]	Description	Part No.
  Pin 1  Pin 3  Pin 4 		3	T	63	12	PVC	16	0,5	SAL-12T-FKH3-0,5	43-02416
		4	T	63	12	PVC	16	0,5	SAL-12T-FKH4-0,5	43-02397

Male connector M16x1,5 thread

  Pin 1  Pin 2  Pin 3  Pin 4 		3	T	63	12	PVC	16	0,5	SAL-12T-FSH3-0,5	43-02417
		4	T	63	12	PVC	16	0,5	SAL-12T-FSH4-0,5	43-02399

M12x1 POWER CONNECTORS OVERMOULDED

360° shielding, S-coding

Female connector axial

PVC, UL 2570, orange, Li9YCY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	S	630	12	2	1,5	SAL-12SC-RK2PE-2/GOA	43-19052
				3		SAL-12SC-RK2PE-3/GOA	43-19053
				5		SAL-12SC-RK2PE-5/GOA	43-19054
				10		SAL-12SC-RK2PE-10/GOA	43-19055
3+PE	S	630	12	2	1,5	SAL-12SC-RK3PE-2/GOA	43-17116
				3		SAL-12SC-RK3PE-3/GOA	43-17117
				5		SAL-12SC-RK3PE-5/GOA	43-17118
				10		SAL-12SC-RK3PE-10/GOA	43-17119

Note: Voltage may be present only in mated condition.

TPU, UL 21223, orange, Li9YC11Y

2+PE	S	630	12	2	1,5	SAL-12SC-RK2PE-2/GOB	43-19079
				3		SAL-12SC-RK2PE-3/GOB	43-19080
				5		SAL-12SC-RK2PE-5/GOB	43-19081
				10		SAL-12SC-RK2PE-10/GOB	43-19082
3+PE	S	630	12	2	1,5	SAL-12SC-RK3PE-2/GOB	43-17913
				3		SAL-12SC-RK3PE-3/GOB	43-17914
				5		SAL-12SC-RK3PE-5/GOB	43-17915
				10		SAL-12SC-RK3PE-10/GOB	43-17916

Note: Voltage may be present only in mated condition.

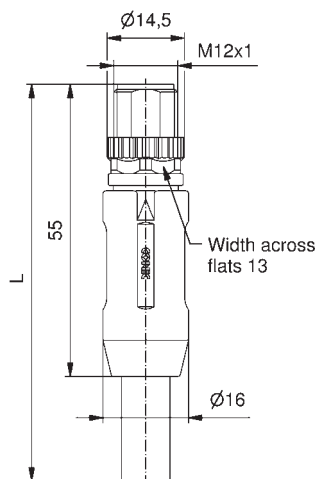
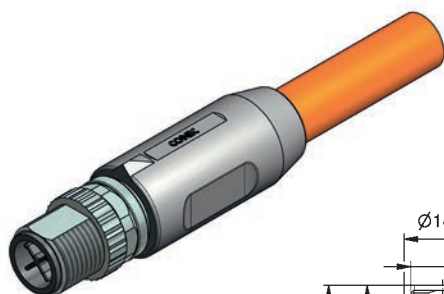
M12x1 POWER CONNECTORS OVERMOULDED

360° shielding, S-coding

Male connector axial

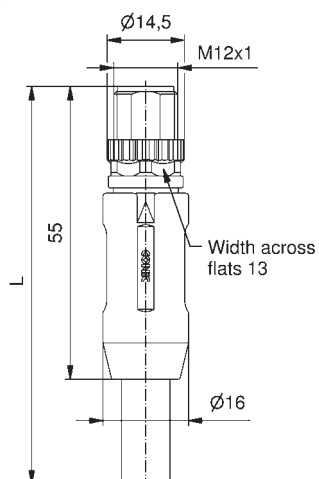
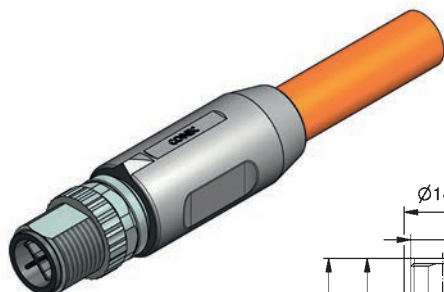
PVC, UL 2570, orange, Li9YCY

Contact assignment



Note: Voltage may be present only in mated condition.

TPU, UL 21223, orange, Li9YC11Y



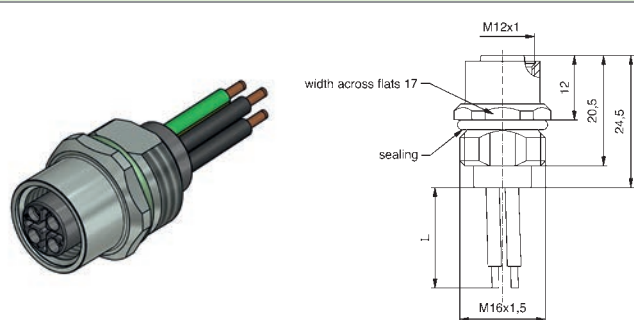
Note: Voltage may be present only in mated condition.

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
2+PE	S	630	12	2	1,5	SAL-12SC-RS2PE-2/GOA	43-19056
				3	1,5	SAL-12SC-RS2PE-3/GOA	43-19057
				5	1,5	SAL-12SC-RS2PE-5/GOA	43-19058
				10	1,5	SAL-12SC-RS2PE-10/GOA	43-19059
3+PE	S	630	12	2	1,5	SAL-12SC-RS3PE-2/GOA	43-17124
				3	1,5	SAL-12SC-RS3PE-3/GOA	43-17125
				5	1,5	SAL-12SC-RS3PE-5/GOA	43-17126
				10	1,5	SAL-12SC-RS3PE-10/GOA	43-17127
2+PE	S	630	12	2	1,5	SAL-12SC-RS2PE-2/GOB	43-19075
				3	1,5	SAL-12SC-RS2PE-3/GOB	43-19076
				5	1,5	SAL-12SC-RS2PE-5/GOB	43-19077
				10	1,5	SAL-12SC-RS2PE-10/GOB	43-19078
3+PE	S	630	12	2	1,5	SAL-12SC-RS3PE-2/GOB	43-17904
				3	1,5	SAL-12SC-RS3PE-3/GOB	43-17905
				5	1,5	SAL-12SC-RS3PE-5/GOB	43-17906
				10	1,5	SAL-12SC-RS3PE-10/GOB	43-17907

M12x1 POWER SOCKETS S-coding

Front panel mounting, wire termination

Female connector M16x1,5 thread



Note: Voltage may be present only in mated condition.

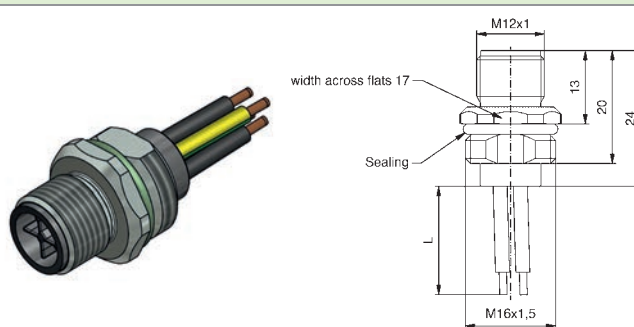
Contact assignment

Pin 1 1
Pin 3 3
PE

Pin 1 1
Pin 2 2
Pin 3 3
PE

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
2+PE	S	630	12	PVC	16	0,5	SAL-12SC-FK2PE-0,5	43-02410
3+PE	S	630	12	PVC	16	0,5	SAL-12SC-FK3PE-0,5	43-02392

Male connector M16x1,5 thread



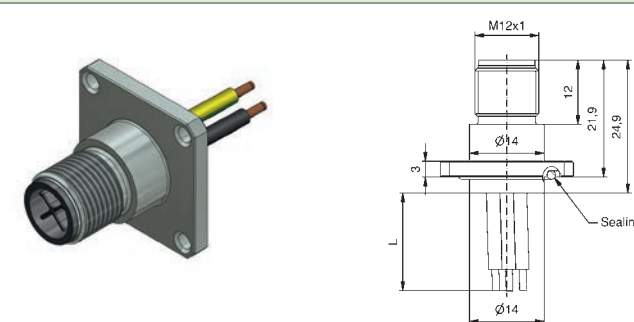
Note: Voltage may be present only in mated condition.

Pin 1 1
Pin 3 3
PE

Pin 1 1
Pin 2 2
Pin 3 3
PE

2+PE	S	630	12	PVC	16	0,5	SAL-12SC-FS2PE-0,5	43-02411
3+PE	S	630	12	PVC	16	0,5	SAL-12SC-FS3PE-0,5	43-02394

Male connector square flange 26 mm



Note: Voltage may be present only in mated condition.

Pin 1 1
Pin 3 3
PE

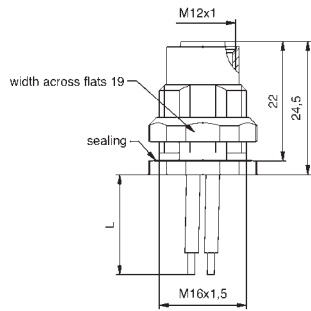
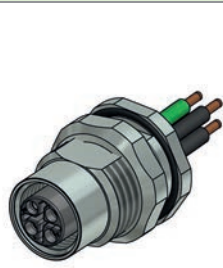
Pin 1 1
Pin 2 2
Pin 3 3
PE

2+PE	S	630	12	PVC	16	0,5	SAL-12SC-FSV02PE-0,5	43-02496
3+PE	S	630	12	PVC	16	0,5	SAL-12SC-FSV03PE-0,5	43-02497

M12x1 POWER SOCKETS S-coding

Back panel mounting, wire termination

Female connector M16x1,5 thread



Note: Voltage may be present only in mated condition.

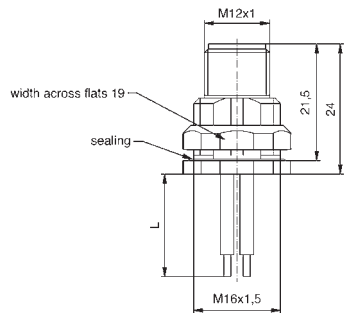
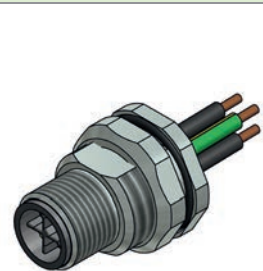
Contact assignment

Pin 1 
Pin 3 
PE 

Pin 1 
Pin 2 
Pin 3 
PE 

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
2+PE	S	630	12	PVC	16	0,5	SAL-12SC-FKH2PE-0,5	43-02414
3+PE	S	630	12	PVC	16	0,5	SAL-12SC-FKH3PE-0,5	43-02396

Male connector M16x1,5 thread



Note: Voltage may be present only in mated condition.

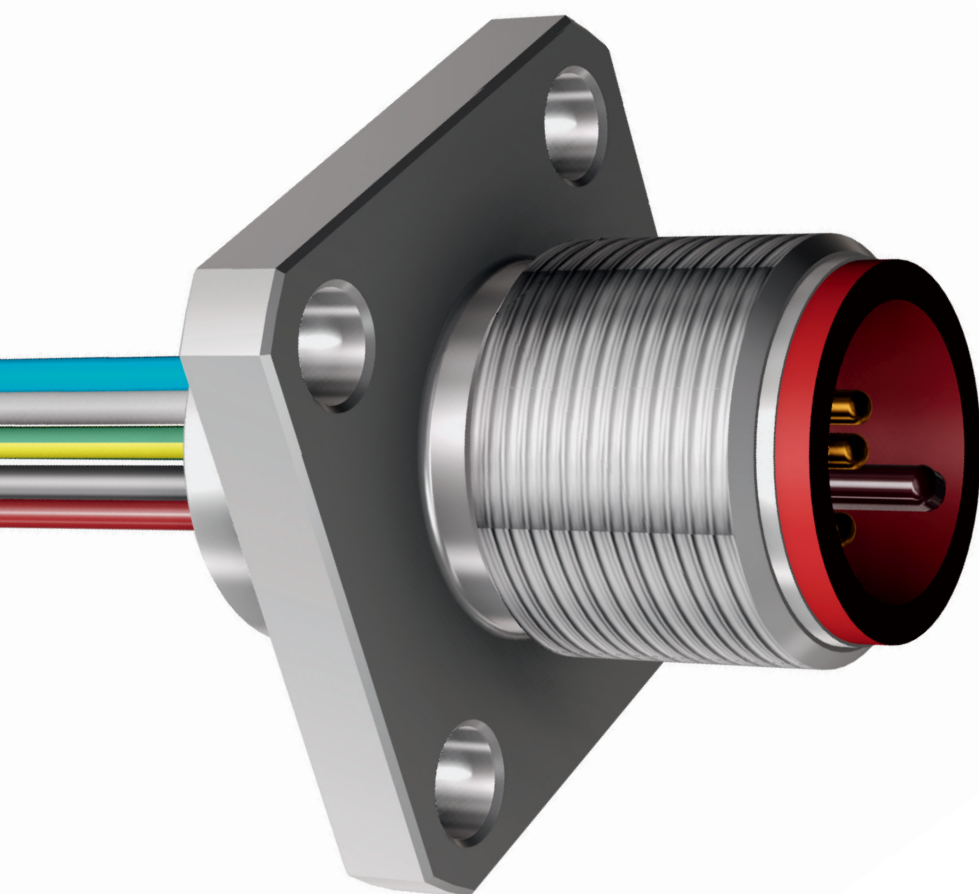
Pin 1 
Pin 3 
PE 

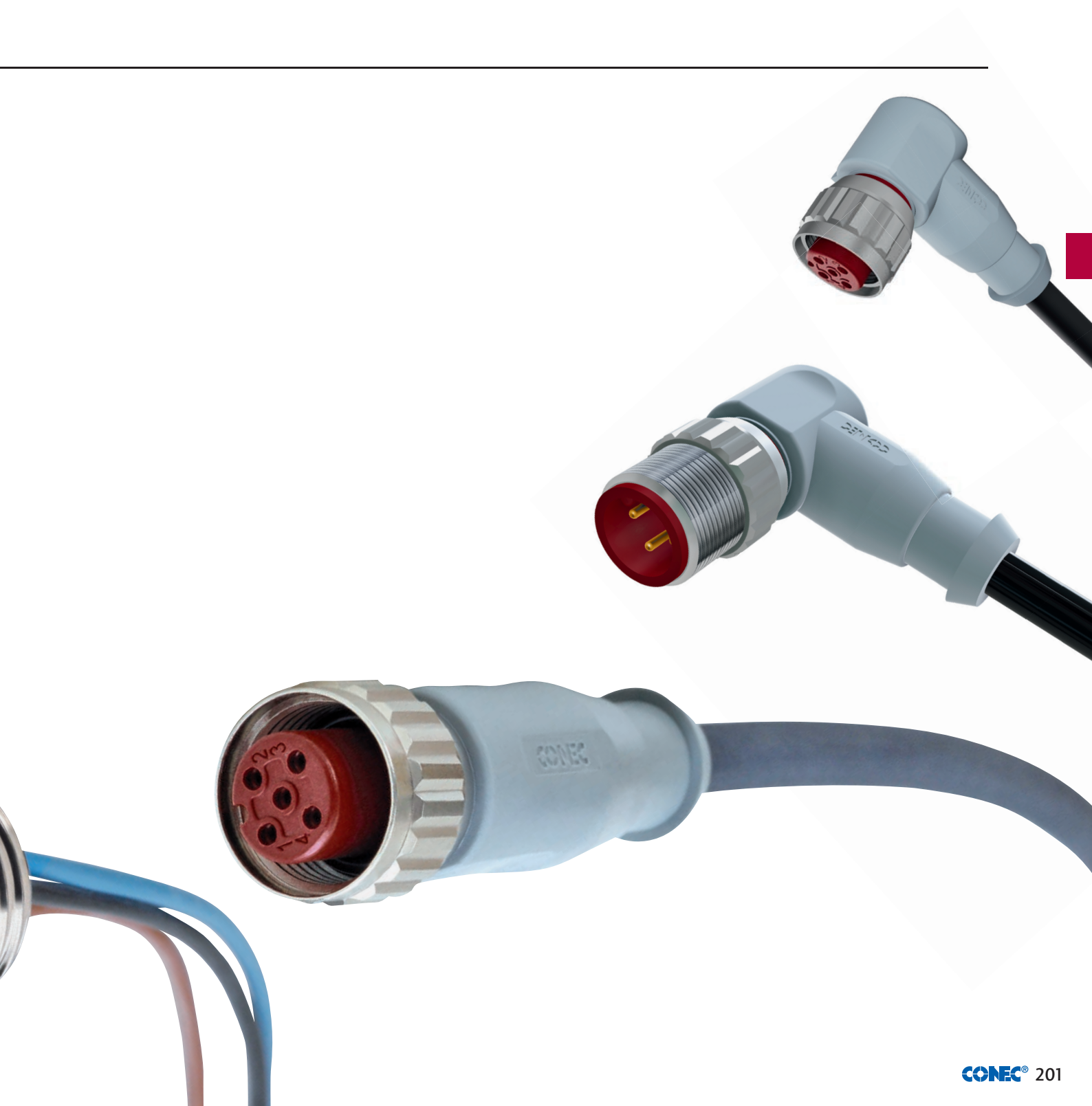
Pin 1 
Pin 2 
Pin 3 
PE 

2+PE	S	630	12	PVC	16	0,5	SAL-12SC-FSH2PE-0,5	43-02415
3+PE	S	630	12	PVC	16	0,5	SAL-12SC-FSH3PE-0,5	43-02398

Section 7

HIGH TEMPERATURE CONNECTORS





SAL M12x1 HIGH TEMPERATURE CONNECTORS OVERMOULDED

Nomenclature

	S	A	L	-	H	T	-	1	2	-	R	K	W	4	-	3	/	S	1
SAL Sensor Actor Line																			
Type HT = High Temperature 125° C																			
Installation size 12 = M12x1																			
Coding = A-coding																			
Design R = Circular connector																			
Gender K = Female connector S = Male connector																			
Configuration = Axial W = Angled																			
Number of poles 3 = 3-pos. 4 = 4-pos. 5 = 5-pos.																			
Cable length XX = Length [m]																			
Cable quality S1 = TPE, black																			

SAL M12x1 HIGH TEMPERATURE CONNECTORS OVERMOULDED

Product specification

Basic material	
Contact	CuZn, CuBe
Contact plating	Nickel plated, gold plated
Contact carrier	PBT GF, UL 94
Overmould	Thermoplastic elastomere
Sealing	FPM
Coupling nut/-screw	CuZn, nickel plated

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-101
Current rating	IEC 61076-2-101
Insulation resistance	IEC 60512-2
Degree of pollution	IEC 60664-1
Degree of protection	DIN 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

SAL M12x1 HIGH TEMPERATURE SOCKETS

Nomenclature

S A L - H T - 1 2 - F K P 4 - 0,5 - 9

SAL
Sensor Actor Line

Type
HT = High Temperature 125° C

Installation size
12 = M12x1

Coding
= A-coding

Design
F = Socket

Gender
K = Female connector
S = Male connector

Assembly
= Front panel mounting
P = Positioning possible, frontmounting
H = Back panel mounting
VO = Square flange with O-ring

Number of poles
3 = 3-pos.
4 = 4-pos.
5 = 5-pos.

Type of Connection/Installation height
XX = Wire lenght [m]
L = Solder cup
P5,5 = Dip solder „5 mm
P12 = Dip solder 12 mm
Pxx = Installation height one-piece socket

Screw connection
= M16x1,5
9 = PG9

SAL M12x1 HIGH TEMPERATURE SOCKETS

Product specification

Basic material	
Contact	CuZn, CuBe
Contact plating	Nickel plated, gold plated
Contact carrier	PBT GF, UL 94
Sealing	FPM
Counter nut	CuZn, nickel plated
Socket housing	CuZn, nickel plated
Sealing Compound	Polyurethane-resin, UL 94

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-101
Current rating	IEC 61076-2-101
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	DIN 60529
Mating cycles	IEC 60512-9a

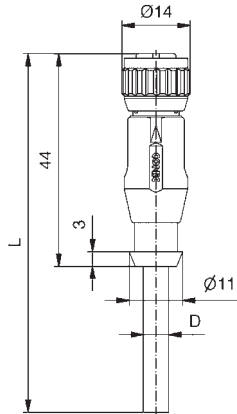
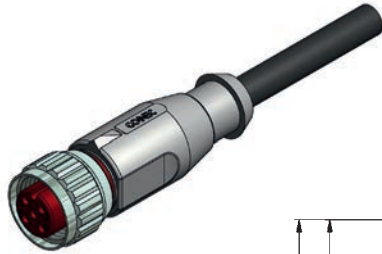
Technical subject to change without notice.

M12x1 HT CONNECTORS OVERMOULDED (up to 125°C)

Female connector axial

TPE, black, Li12Y33X

Contact assignment



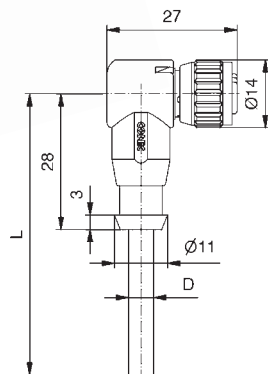
Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	250	4	0,34	2	SAL-HT-12-RK4-2/S1	43-10480
					3	SAL-HT-12-RK4-3/S1	43-10481
					5	SAL-HT-12-RK4-5/S1	43-10482
					10	SAL-HT-12-RK4-10/S1	43-10483
5	A	60	4	0,34	2	SAL-HT-12-RK5-2/S1	43-10484
					3	SAL-HT-12-RK5-3/S1	43-10485
					5	SAL-HT-12-RK5-5/S1	43-10486
					10	SAL-HT-12-RK5-10/S1	43-10487

Female connector angled

TPE, black, Li12Y33X



Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

4	A	250	4	0,34	2	SAL-HT-12-RKW4-2/S1	43-10496
					3	SAL-HT-12-RKW4-3/S1	43-10497
					5	SAL-HT-12-RKW4-5/S1	43-10498
					10	SAL-HT-12-RKW4-10/S1	43-10499
5	A	60	4	0,34	2	SAL-HT-12-RKW5-2/S1	43-10500
					3	SAL-HT-12-RKW5-3/S1	43-10501
					5	SAL-HT-12-RKW5-5/S1	43-10502
					10	SAL-HT-12-RKW5-10/S1	43-10503

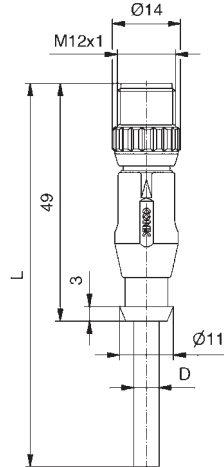
M12x1 HT CONNECTORS OVERMOULDED (up to 125°C)

Male connector axial

TPE, black, Li12Y33X

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	250	4	0,34	2	SAL-HT-12-RS4-2 / S1	43-10488
					3	SAL-HT-12-RS4-3 / S1	43-10489
					5	SAL-HT-12-RS4-5 / S1	43-10490
					10	SAL-HT-12-RS4-10 / S1	43-10491
5	A	60	4	0,34	2	SAL-HT-12-RS5-2 / S1	43-10492
					3	SAL-HT-12-RS5-3 / S1	43-10493
					5	SAL-HT-12-RS5-5 / S1	43-10494
					10	SAL-HT-12-RS5-10 / S1	43-10495



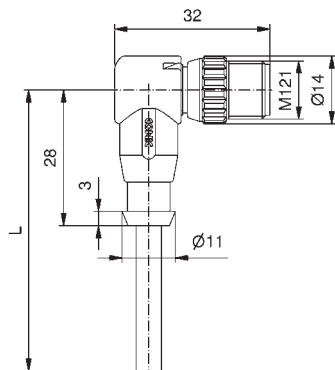
Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■

Male connector angled

TPE, black, Li12Y33X

4	A	250	4	0,34	2	SAL-HT-12-RSW4-2 / S1 / A1090	43-14783
					3	SAL-HT-12-RSW4-3 / S1 / A1090	43-14784
					5	SAL-HT-12-RSW4-5 / S1 / A1090	43-14785
					10	SAL-HT-12-RSW4-10 / S1 / A1090	43-14786
5	A	60	4	0,34	2	SAL-HT-12-RSW5-2 / S1 / A1090	43-14787
					3	SAL-HT-12-RSW5-3 / S1 / A1090	43-14788
					5	SAL-HT-12-RSW5-5 / S1 / A1090	43-14789
					10	SAL-HT-12-RSW5-10 / S1 / A1090	43-14790



Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

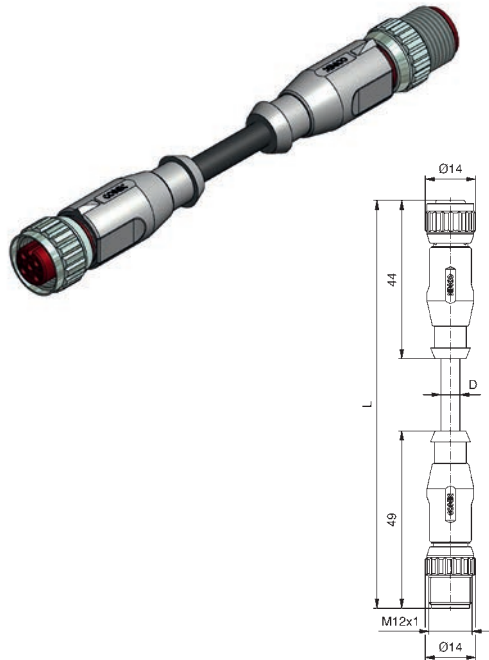
Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■

M12x1 HT CONNECTORS OVERMOULDED (up to 125°C) Connecting cable

Female connector axial
Male connector axial

TPE, black, Li12Y33X

Contact assignment



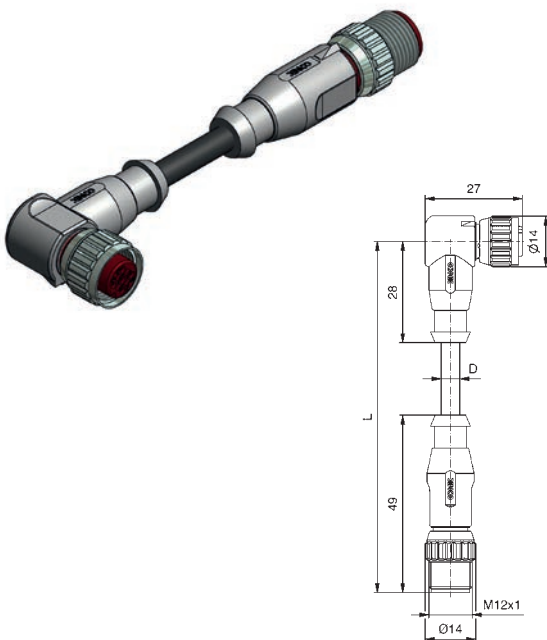
Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	250	4	0,3	0,34	SAL-HT-12-RK4-RS4-0,3/S1	43-10900
				0,6		SAL-HT-12-RK4-RS4-0,6/S1	43-10901
				1,5		SAL-HT-12-RK4-RS4-1,5/S1	43-10902
				3		SAL-HT-12-RK4-RS4-3/S1	43-10903
5	A	60	4	0,3	0,34	SAL-HT-12-RK5-RS5-0,3/S1	43-10904
				0,6		SAL-HT-12-RK5-RS5-0,6/S1	43-10905
				1,5		SAL-HT-12-RK5-RS5-1,5/S1	43-10906
				3		SAL-HT-12-RK5-RS5-3/S1	43-10907

Female connector angled
Male connector axial

TPE, black, Li12Y33X



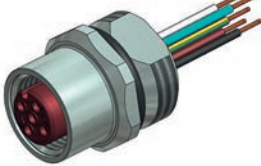
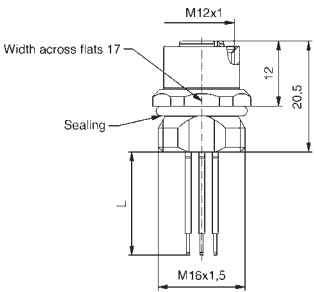
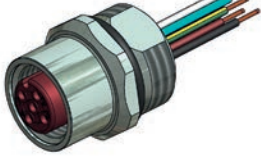
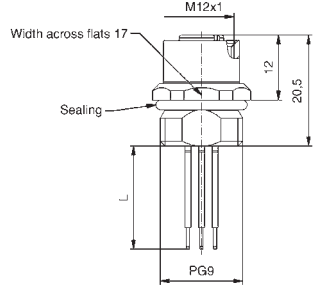
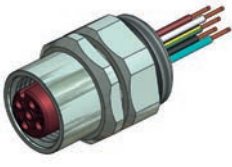
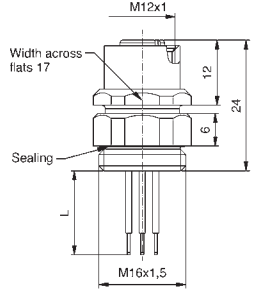
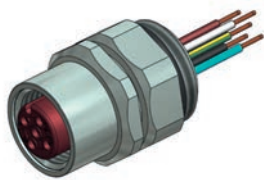
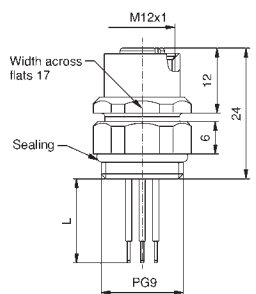
Pin 1
Pin 2
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4
Pin 5

4	A	250	4	0,3	0,34	SAL-HT-12-RKW4-RS4-0,3/S1	43-10908
				0,6		SAL-HT-12-RKW4-RS4-0,6/S1	43-10909
				1,5		SAL-HT-12-RKW4-RS4-1,5/S1	43-10910
				3		SAL-HT-12-RKW4-RS4-3/S1	43-10911
5	A	60	4	0,3	0,34	SAL-HT-12-RKW5-RS5-0,3/S1	43-10912
				0,6		SAL-HT-12-RKW5-RS5-0,6/S1	43-10913
				1,5		SAL-HT-12-RKW5-RS5-1,5/S1	43-10914
				3		SAL-HT-12-RKW5-RS5-3/S1	43-10915

M12x1 HT SOCKETS (up to 125°C)

Front panel mounting, wire termination

Female connector, M16x1.5 thread		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
 	Pin 1  Pin 2  Pin 3  Pin 4 	4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FK4-0,5	43-01022
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FK5-0,5	43-01023
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FK5.1-0,5	43-01046
Female connector, PG9 thread		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
 	Pin 1  Pin 2  Pin 3  Pin 4 	4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FK4-0,5-9	43-01076
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FK5-0,5-9	43-01078
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FK5.1-0,5-9	43-01077
Female connector, M16x1.5 thread, positioning possible		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
 	Pin 1  Pin 2  Pin 3  Pin 4 	4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FKP4-0,5	43-01038
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FKP5-0,5	43-01039
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FKP5.1-0,5	43-01127
Female connector, PG9 thread, positioning possible		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
 	Pin 1  Pin 2  Pin 3  Pin 4 	4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FKP4-0,5-9	43-01112
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FKP5-0,5-9	43-01113
	Pin 1  Pin 2  Pin 3  Pin 4  Pin 5 	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FKP5.1-0,5-9	43-01135

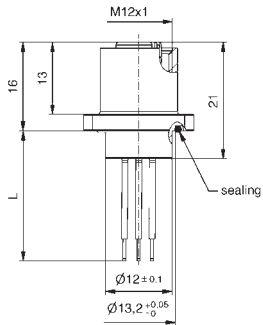
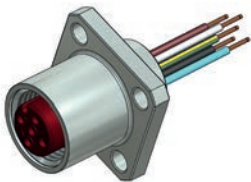
M12x1 HT SOCKETS (up to 125°C)

Front panel mounting, wire termination

Female connector, Square flange 20x20

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FV04-0,5-20	43-02324
5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FV05-0,5-20	43-02325



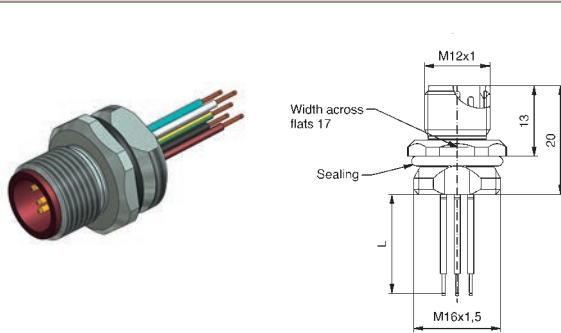
Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 

M12x1 HT SOCKETS (up to 125°C)

Front panel mounting, wire termination

Male connector, M16x1.5 thread

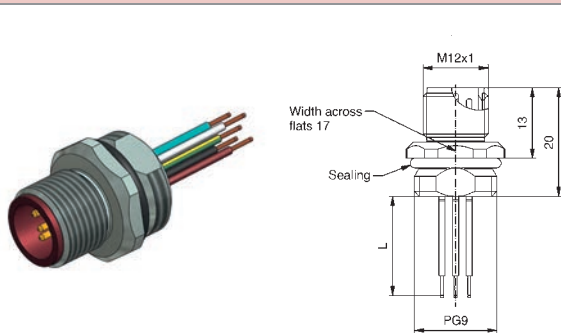


- Pin 1 
Pin 2 
Pin 3 
Pin 4 
- Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 
- Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]
4	A	250	4	Copolymer	24	0,5
5	A	60	4	Copolymer	24	0,5
5	A	60	4	Copolymer	24	0,5

<i>Description</i>	<i>Part No.</i>
SAL-HT-12-FS4-0,5	43-01024
SAL-HT-12-FS5-0,5	43-01025
SAL-HT-12-FS5.1-0,5	43-01050

Male connector, PG9 thread

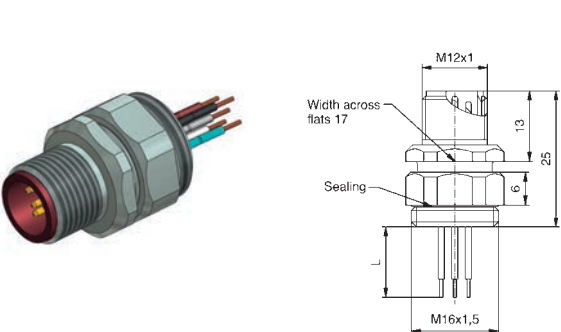


- Pin 1 
Pin 2 
Pin 3 
Pin 4 
- Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 
- Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 

4	A	250	4	Copolymer	24	0,5
5	A	60	4	Copolymer	24	0,5
5	A	60	4	Copolymer	24	0,5

SAL-HT-12-FS4-0,5-9	43-01085
SAL-HT-12-FS5-0,5-9	43-01087
SAL-HT-12-FS5.1-0,5-9	43-01086

Male connector, M16x1.5 thread, positioning possible

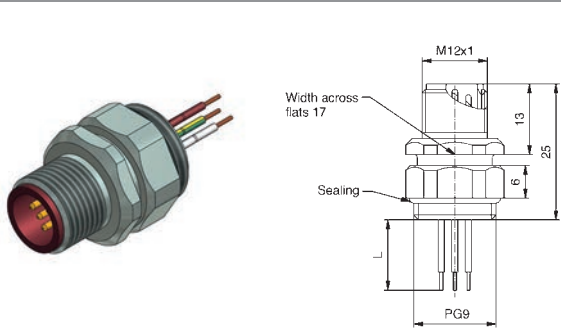


- Pin 1 
Pin 2 
Pin 3 
Pin 4 
- Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 
- Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 

4	A	250	4	Copolymer	24	0,5
5	A	60	4	Copolymer	24	0,5
5	A	60	4	Copolymer	24	0,5

SAL-HT-12-FSP4-0,5	43-01040
SAL-HT-12-FSP5-0,5	43-01041
SAL-HT-12-FSP5.1-0,5	43-01128

Male connector, PG9 thread, positioning possible



- Pin 1 
Pin 2 
Pin 3 
Pin 4 
- Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 
- Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 

4	A	250	4	Copolymer	24	0,5
5	A	60	4	Copolymer	24	0,5
5	A	60	4	Copolymer	24	0,5

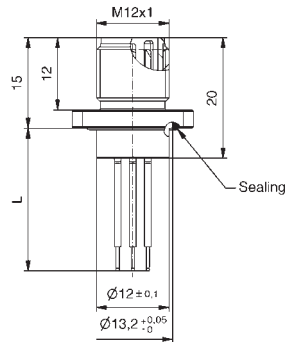
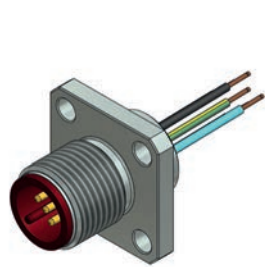
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SAL-HT-12-FSP5-0,5-9	43-01115
SAL-HT-12-FSP5.1-0,5-9	43-01136

M12x1 HT SOCKETS (up to 125°C)

Front panel mounting, wire termination

Male connector, Square flange 20x20

Contact assignment



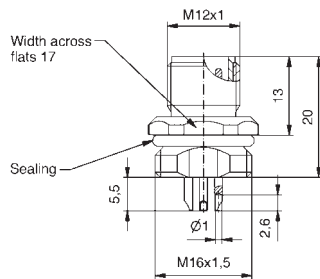
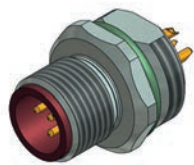
Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]	Description	Part No.
4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FSV04-0,5-20	43-02326
5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FSV05-0,5-20	43-02327

Front panel mounting, solder termination

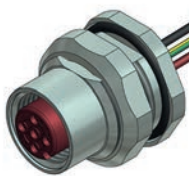
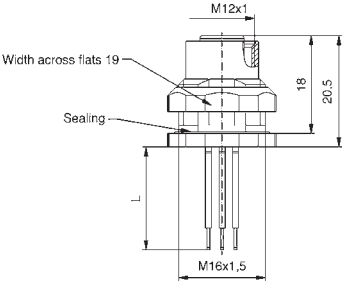
Male connector, M16x1.5 thread



4	A	250	4				SAL-HT-FS4-L	43-02357
5	A	60	4				SAL-HT-FS5.1-L	43-02358

M12x1 HT SOCKETS (up to 125°C)

Back panel mounting, wire termination

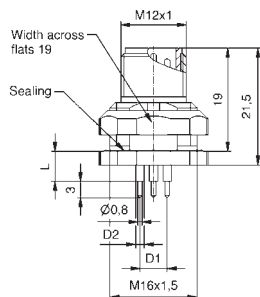
Male connector, M16x1.5 thread			Contact assignment	Num	Codi	Rate	Cur	Wire	Wire	Wire	Description	Part No.
 	Pin 1 	4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FKH4-0,5	43-01121		
	Pin 2 											
	Pin 3 											
Pin 4 	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FKH5-0,5	43-01122			
Pin 2 												
Pin 3 												
Pin 4 	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FKH5.1-0,5	43-01129			
Pin 2 												
Pin 3 												
Pin 4 	Pin 5 											

| Female connector, PG9 thread | | | | | | | | | | | | |
| | Pin 1 | 4 | A | 250 | 4 | Copolymer | 24 | 0,5 | SAL-HT-12-FKH4-0,5-9 | 43-01119 |
| Pin 2 |
| Pin 3 |
| Pin 4 | 5 | A | 60 | 4 | Copolymer | 24 | 0,5 | SAL-HT-12-FKH5-0,5-9 | 43-01120 |
| Pin 2 |
| Pin 3 |
| Pin 4 | 5 | A | 60 | 4 | Copolymer | 24 | 0,5 | SAL-HT-12-FKH5.1-0,5-9 | 43-01137 |
| Pin 2 |
| Pin 3 |
Pin 4	Pin 5											
Male connector, M16x1.5 thread												
	Pin 1	4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FSH4-0,5	43-01131		
Pin 2												
Pin 3												
Pin 4	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FSH5-0,5	43-01132			
Pin 2												
Pin 3												
Pin 4	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FSH5.1-0,5	43-01130			
Pin 2												
Pin 3												
Pin 4	Pin 5											
Male connector, PG9 thread												
	Pin 1	4	A	250	4	Copolymer	24	0,5	SAL-HT-12-FSH4-0,5-9	43-01133		
Pin 2												
Pin 3												
Pin 4	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FSH5-0,5-9	43-01134			
Pin 2												
Pin 3												
Pin 4	5	A	60	4	Copolymer	24	0,5	SAL-HT-12-FSH5.1-0,5-9	43-01138			
Pin 2												
Pin 3												
Pin 4	Pin 5											

M12x1 HT SOCKETS (up to 125°C)

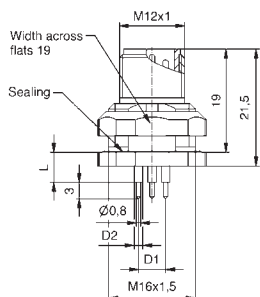
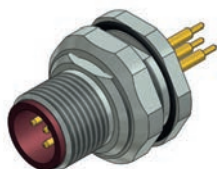
Back panel mounting, dip solder termination

Male connector, M16x1,5 thread, installation height 5.5 mm



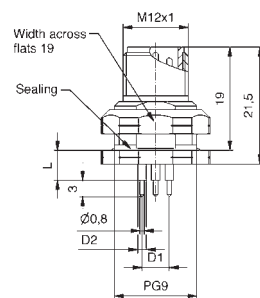
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	5,5	SAL-HT-12-FSH4-P5,5	43-02316
5	A	60	4	5,5	SAL-HT-12-FSH5.1-P5,5	43-02317

Male connector, M16x1,5 thread, installation height 12 mm



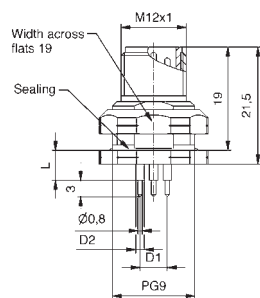
4	A	250	4	12	SAL-HT-12-FSH4-P12	43-02320
5	A	60	4	12	SAL-HT-12-FSH5.1-P12	43-02321

Male connector, PG9 thread, installation height 5.5 mm



4	A	250	4	5,5	SAL-HT-12-FSH4-P5,5-9	43-02318
5	A	60	4	5,5	SAL-HT-12-FH5.1-P5,5-9	43-02319

Male connector, PG9 thread, installation height 12 mm

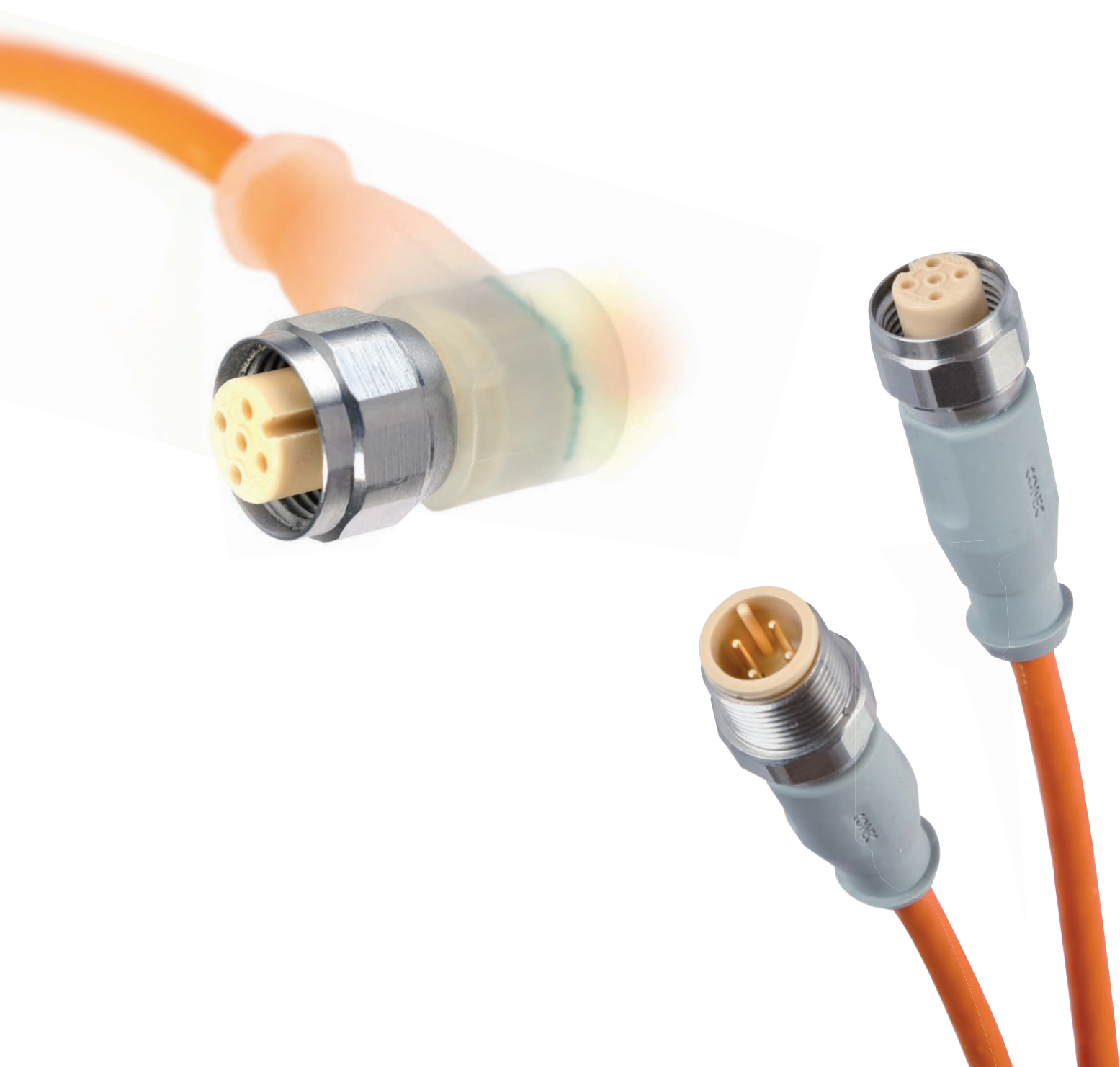


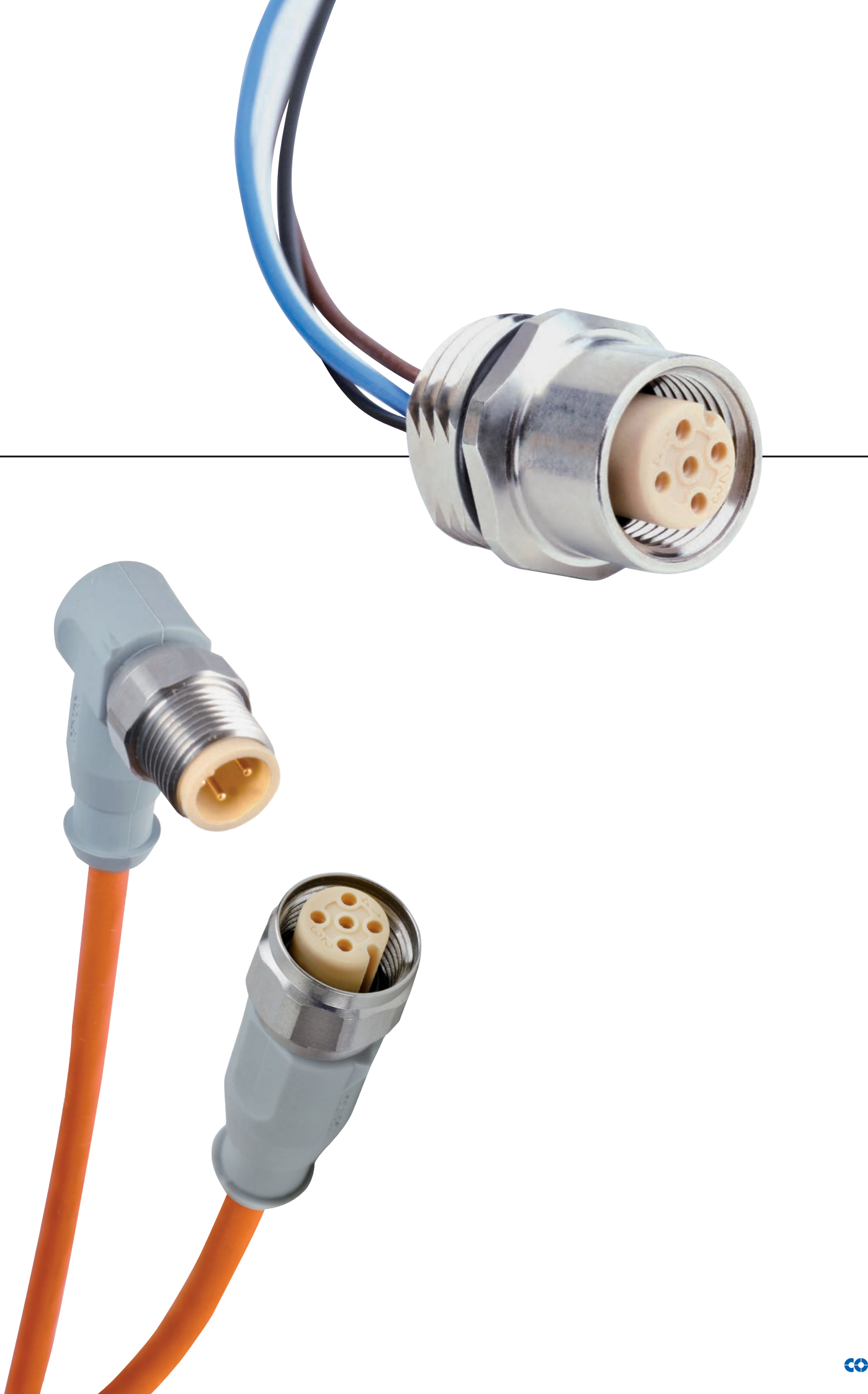
4	A	250	4	12	SAL-HT-12-FSH4-P12-9	43-02322
5	A	60	4	12	SAL-HT-12-FH5.1-P12-9	43-02323



SECTION 8

FOOD & BEVERAGE CONNECTORS





SAL M8x1/M12x1 FOOD & BEVERAGE CONNECTORS OVERMOULDED

Nomenclature

S A L - F B - 1 2 - R K W 4 - 2 L - 3 / P 1

SAL
Sensor Actor Line

Type
FB = Food & Beverage

Installation size
8 = M8x1
12 = M12x1

Coding
= A-coding

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial
W = Angled

Number of poles
3 = 3-pos.
4 = 4-pos.
5 = 5-pos.

LED-Display
2L = 2-LED
3L = 3-LED

Cable length
XX = Length [m]

Cable quality
P1 = PP, orange

SAL M8x1/M12x1 FOOD & BEVERAGE CONNECTORS OVERMOULDED

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PP GF, UL 94
Overmould	TPE
Sealing	FPM
Coupling nut/-screw	1.4404 stainless steel

Technical Data		
Information on the following pages are basing on below mentioned IEC-standards.		
	M8	M12
Rated voltage	IEC 61076-2-104	IEC 61076-2-101
Current rating	IEC 61076-2-104	IEC 61076-2-101
Insulation resistance	IEC 60512	IEC 60512-2
Degree of pollution	IEC 60664-1	IEC 60664-1
Degree of protection	DIN 40050-9	DIN 40050-9
Mating cycles	IEC 60512-9a	IEC 60512-9a

Recommended torque M8: 0.4 Nm

Recommended torque M12: 0.6 Nm

Technical subject to change without notice.

SAL M8x1/M12x1 FOOD & BEVERAGE SOCKETS

Nomenclature

S A L - F B - 1 2 - F K P 4 - 0,5 - 9

SAL
Sensor Actor Line

Type
FB = Food & Beverage

Installation size
8 = M8x1
12 = M12x1

Coding
= A-coding

Design
F = Socket

Gender
K = Female connector
S = Male connector

Assembly
= Front panel mounting
P = Positioning possible, Front panel mounting
H = Back panel mounting

Number of poles
3 = 3-pos.
4 = 4-pos.
5 = 5-pos.
8 = 8-pos.

Type of Connection/Installation height
XX = Wire length [m]
P5,5 = Dip solder 5.5 mm
P12 = Dip solder 12 mm
Pxx = Installation height one-piece socket

Screw connection
= M8x0.5 by M8x1
= M16x1.5 by M12x1
9 = PG9 by M12x1

SAL M8x1/M12x1 FOOD & BEVERAGE SOCKETS

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PP GF, UL 94
Sealing	FPM
Counter nut	1.4404 stainless steel
Socket housing	1.4404 stainless steel
Sealing compound	Polyurethane-resin, UL 94

Technical Data		
Information on the following pages are basing on below mentioned IEC-standards.		
	M8	M12
Rated voltage	IEC 61076-2-104	IEC 61076-2-101
Current rating	IEC 61076-2-104	IEC 61076-2-101
Insulation resistance	IEC 60512	IEC 60512
Degree of pollution	IEC 60664-1	IEC 60664-1
Degree of protection	DIN 40050-9	DIN 40050-9
Mating cycles	IEC 60512-9a	IEC 60512-9a

Recommended torque M8: 0.6-0.8 Nm

Recommended torque M12: 1-1.2 Nm

Technical subject to change without notice.

M8x1 F&B CONNECTORS OVERMOULDED

Female connector axial

PP, orange, Li12Y9Y

Contact assignment

Number of poles

Coding

Rated voltage [V]

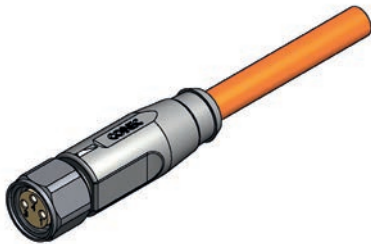
Current rating [A]

Cable length = L [m]

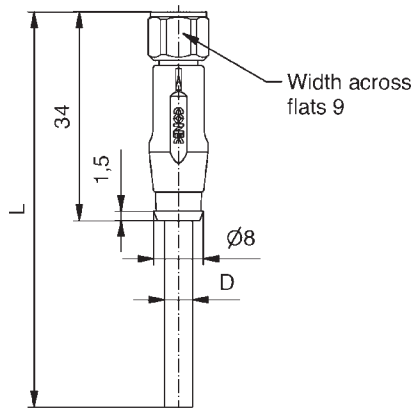
Wire cross section [mm²]

Description

Part No.



Pin 1
Pin 3
Pin 4



Pin 1
Pin 2
Pin 3
Pin 4

3

50 V AC / 60 V DC

3

0,25

SAL-FB-8-RK3-2 / P1

42-10468

SAL-FB-8-RK3-3 / P1

42-10469

SAL-FB-8-RK3-5 / P1

42-10470

SAL-FB-8-RK3-10 / P1

42-10471

4

50 V AC / 60 V DC

3

0,25

SAL-FB-8-RK4-2 / P1

42-10472

SAL-FB-8-RK4-3 / P1

42-10473

SAL-FB-8-RK4-5 / P1

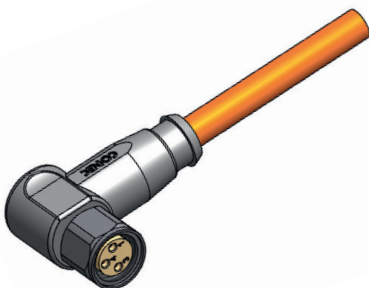
42-10474

SAL-FB-8-RK4-10 / P1

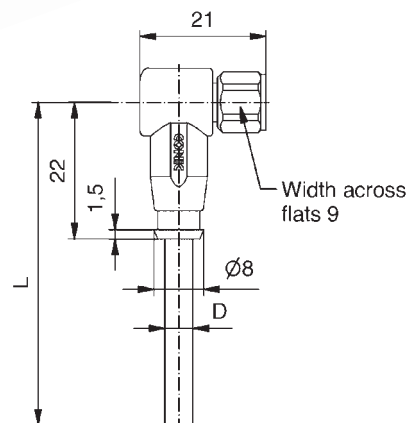
42-10475

Female connector angled

PP, orange, Li12Y9Y



Pin 1
Pin 3
Pin 4



Pin 1
Pin 2
Pin 3
Pin 4

3

50 V AC / 60 V DC

3

0,25

SAL-FB-8-RKW3-2 / P1

42-10484

SAL-FB-8-RKW3-3 / P1

42-10485

SAL-FB-8-RKW3-5 / P1

42-10486

SAL-FB-8-RKW3-10 / P1

42-10487

4

50 V AC / 60 V DC

3

0,25

SAL-FB-8-RKW4-2 / P1

42-10488

SAL-FB-8-RKW4-3 / P1

42-10489

SAL-FB-8-RKW4-5 / P1

42-10490

SAL-FB-8-RKW4-10 / P1

42-10491

M8x1 F&B CONNECTORS OVERMOULDED with LED

Female connector angled, 2-LED

PP, orange, Li12Y9Y

Contact assignment

Number of poles

Coding

Rated voltage [V]

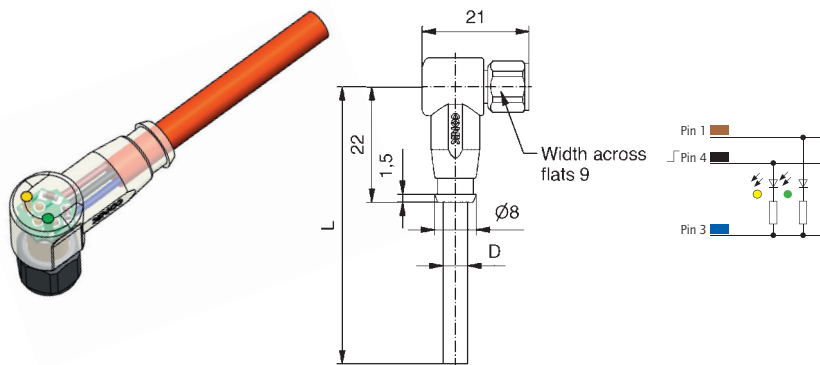
Current rating [A]

Cable length = L [m]

Wire cross section [mm²]

Description

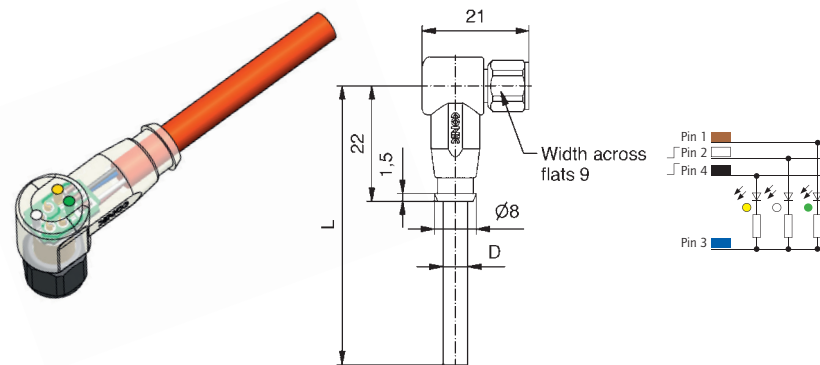
Part No.



3	30	3	2	SAL-FB-8-RKW3-2L-2 / P1	42-10500
			3	SAL-FB-8-RKW3-2L-3 / P1	42-10501
			5	SAL-FB-8-RKW3-2L-5 / P1	42-10502
			10	SAL-FB-8-RKW3-2L-10 / P1	42-10503

Female connector angled, 3-LED

PP, orange, Li12Y9Y



4	30	3	2	SAL-FB-8-RKW4-3L-2 / P1	42-10504
			3	SAL-FB-8-RKW4-3L-3 / P1	42-10505
			5	SAL-FB-8-RKW4-3L-5 / P1	42-10506
			10	SAL-FB-8-RKW4-3L-10 / P1	42-10507

M8x1 F&B CONNECTORS OVERMOULDED

Male connector axial

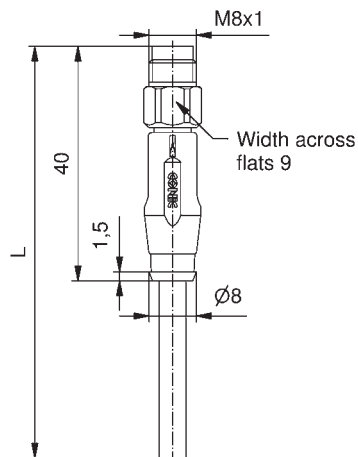
PP, orange, Li12Y9Y

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable Length = L [m]	Wire cross section [mm²]	Description	Part No.
3		50 V AC/ 60 V DC	3	0,25	2	SAL-FB-8-RS3-2 / P1	42-10476
					3	SAL-FB-8-RS3-3 / P1	42-10477
					5	SAL-FB-8-RS3-5 / P1	42-10478
					10	SAL-FB-8-RS3-10/ P1	42-10479
4		50 V AC/ 60 V DC	3	0,25	2	SAL-FB-8-RS4-2 / P1	42-10480
					3	SAL-FB-8-RS4-3 / P1	42-10481
					5	SAL-FB-8-RS4-5 / P1	42-10482
					10	SAL-FB-8-RS4-10/ P1	42-10483



Pin 1
Pin 3
Pin 4

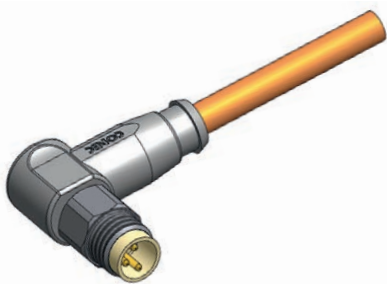


Pin 1
Pin 2
Pin 3
Pin 4

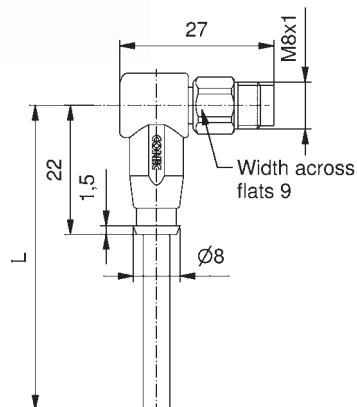
Male connector angled

PP, orange, Li12Y9Y

3	50 V AC / 60 V DC	3	0,25	2	SAL-FB-8-RSW3-2 / P1	42-10492
				3	SAL-FB-8-RSW3-3 / P1	42-10493
				5	SAL-FB-8-RSW3-5 / P1	42-10494
				10	SAL-FB-8-RSW3-10 / P1	42-10495
4	50 V AC / 60 V DC	3	0,25	2	SAL-FB-8-RSW4-2 / P1	42-10496
				3	SAL-FB-8-RSW4-3 / P1	42-10497
				5	SAL-FB-8-RSW4-5 / P1	42-10498
				10	SAL-FB-8-RSW4-10 / P1	42-10499



Pin 1
Pin 3
Pin 4



Pin 1
Pin 2
Pin 3
Pin 4

M8x1 F&B CONNECTORS OVERMOULDED

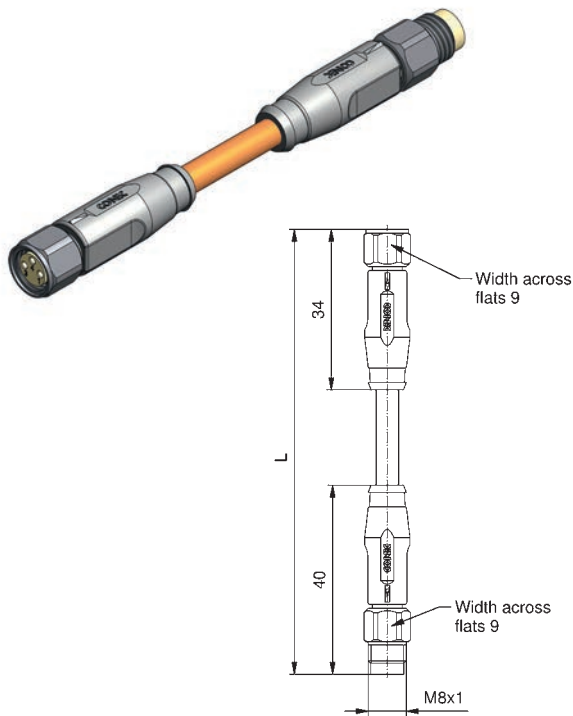
Connecting cable

Female connector axial
Male connector axial

PP, orange, Li12Y9Y

Contact assignment

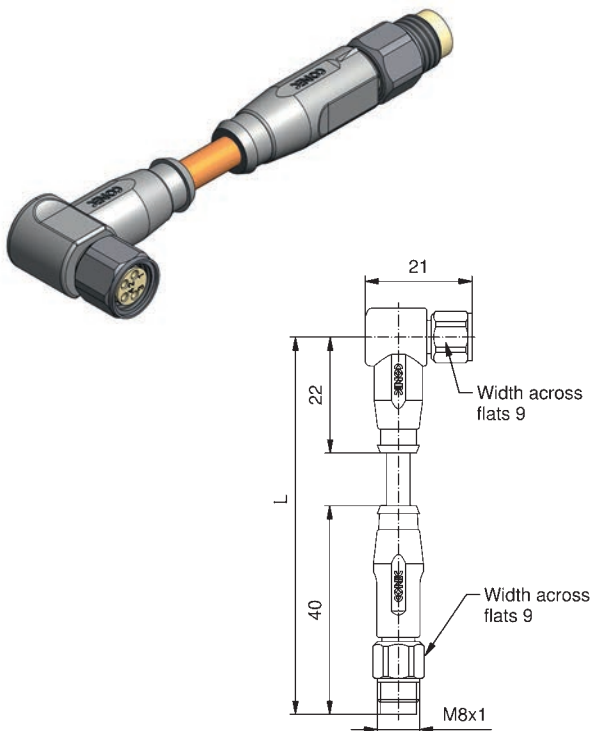
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
3	50 V AC / 60 V DC	3	0,3	0,25		SAL-FB-8-RK3-RS3-0,3/P1	42-13198
			0,6			SAL-FB-8-RK3-RS3-0,6/P1	42-13199
			1,5			SAL-FB-8-RK3-RS3-1,5/P1	42-13010
			3			SAL-FB-8-RK3-RS3-3/P1	42-13200
4	50 V AC / 60 V DC	3	0,3	0,25		SAL-FB-8-RK4-RS4-0,3/P1	42-13201
			0,6			SAL-FB-8-RK4-RS4-0,6/P1	42-13160
			1,5			SAL-FB-8-RK4-RS4-1,5/P1	42-13202
			3			SAL-FB-8-RK4-RS4-3/P1	42-13203



Female connector angled
Male connector axial

PP, orange, Li12Y9Y

3	50 V AC / 60 V DC	3	0,3	0,25		SAL-FB-8-RKW3-RS3-0,3/P1	42-13204
			0,6			SAL-FB-8-RKW3-RS3-0,6/P1	42-13205
			1,5			SAL-FB-8-RKW3-RS3-1,5/P1	42-13206
			3			SAL-FB-8-RKW3-RS3-3/P1	42-13207
4	50 V AC / 60 V DC	3	0,3	0,25		SAL-FB-8-RKW4-RS4-0,3/P1	42-13208
			0,6			SAL-FB-8-RKW4-RS4-0,6/P1	42-13209
			1,5			SAL-FB-8-RKW4-RS4-1,5/P1	42-13210
			3			SAL-FB-8-RKW4-RS4-3/P1	42-13211



M8x1 F&B CONNECTORS OVERMOULDED

Connecting cable with LED

Female connector angled, 2-fold LED
Male connector axial

PP, orange, Li12Y9Y

Contact assignment

Number of poles

Coding

Rated voltage [V]

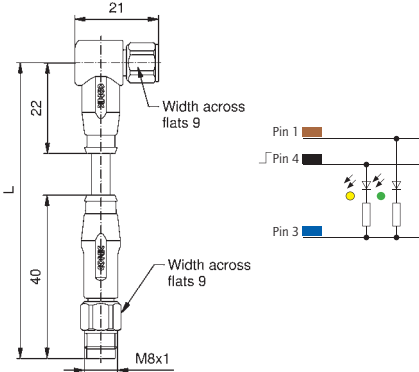
Current rating [A]

Cable length = L [m]

Wire cross section [mm²]

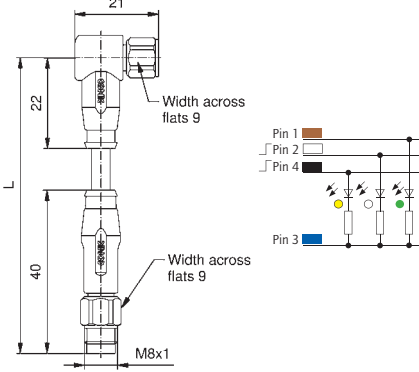
Description

Part No.

		3	30	3	0,25	0,3	SAL-FB-8-RKW3-RS3-2L-0,3 / P1	42-13212
						0,6	SAL-FB-8-RKW3-RS3-2L-0,6 / P1	42-13213
						1,5	SAL-FB-8-RKW3-RS3-2L-1,5 / P1	42-13214
						3	SAL-FB-8-RKW3-RS3-2L-3 / P1	42-13215

Female connector angled, 3-fold LED
Male connector axial

PP, orange, Li12Y9Y

		3	30	3	0,25	0,3	SAL-FB-8-RKW4-RS4-3L-0,3 / P1	42-13216
						0,6	SAL-FB-8-RKW4-RS4-3L-0,6 / P1	42-13217
						1,5	SAL-FB-8-RKW4-RS4-3L-1,5 / P1	42-13218
						3	SAL-FB-8-RKW4-RS4-3L-3 / P1	42-13219

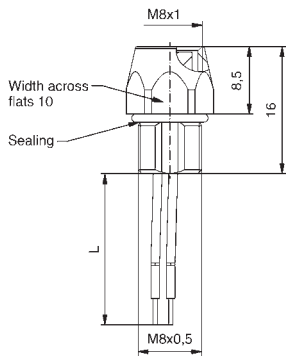
M8x1 F&B SOCKETS

Front panel mounting, wire termination

Female connector, M8x0.5 thread

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire Length = L [m]	Description	Part No.
3		50 V AC / 60 V DC	3	PVC	24	0,2	SAL-FB-8-FK3-0,2	42-01018
4		50 V AC / 60 V DC	3	PVC	24	0,2	SAL-FB-8-FK4-0,2	42-01019



Pin 1
Pin 3
Pin 4

Pin 1
Pin 2
Pin 3
Pin 4

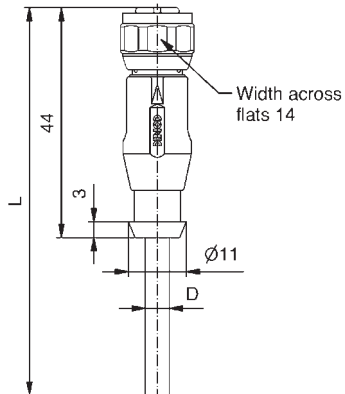
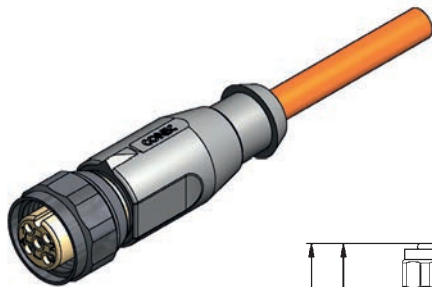
M12x1 F&B CONNECTORS OVERMOULDED

Female connector axial

PP, orange, Li12Y9Y

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	250	4	0,34		SAL-FB-12-RK4-2 / P1	43-10512
						SAL-FB-12-RK4-3 / P1	43-10513
						SAL-FB-12-RK4-5 / P1	43-10514
						SAL-FB-12-RK4-10 / P1	43-10515
						SAL-FB-12-RK5-2 / P1	43-10516
5	A	60	4	0,34		SAL-FB-12-RK5-3 / P1	43-10517
						SAL-FB-12-RK5-5 / P1	43-10518
						SAL-FB-12-RK5-10 / P1	43-10519



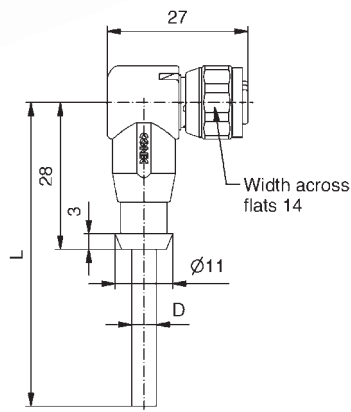
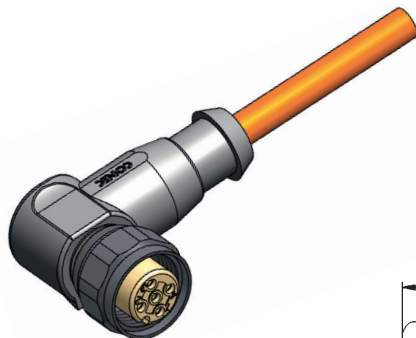
Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 

Female connector angled

PP, orange, Li12Y9Y

4	A	250	4	0,34		SAL-FB-12-RKW4-2 / P1	43-10528
						SAL-FB-12-RKW4-3 / P1	43-10529
						SAL-FB-12-RKW4-5 / P1	43-10530
						SAL-FB-12-RKW4-10 / P1	43-10531
						SAL-FB-12-RKW5-2 / P1	43-10532
5	A	60	4			SAL-FB-12-RKW5-3 / P1	43-10533
						SAL-FB-12-RKW5-5 / P1	43-10534
						SAL-FB-12-RKW5-10 / P1	43-10535

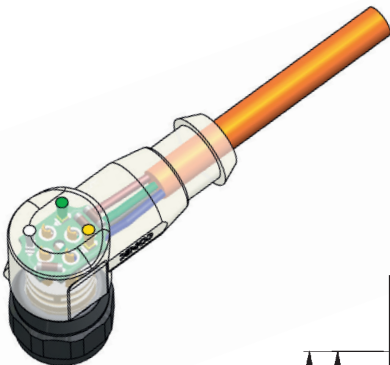
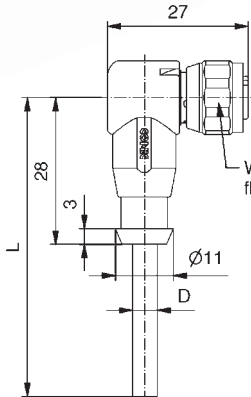
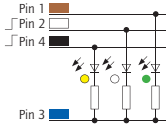
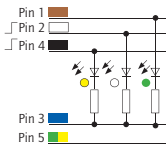


Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 

M12x1 F&B CONNECTORS OVERMOULDED with LED

Female connector angled, 3-LED

PP, orange, Li12Y9Y	Contact assignment	Nu	Co	Re	Cur	Cal	Win	Description	Part No.
 		4	A	30	4	0,34	SAL-FB-12-RKW4-3L-2 / P1	43-11636	
							SAL-FB-12-RKW4-3L-3 / P1	43-11637	
							SAL-FB-12-RKW4-3L-5 / P1	43-11638	
							SAL-FB-12-RKW4-3L-10 / P1	43-11639	
		5	A	30	4	0,34	SAL-FB-12-RKW5-3L-2 / P1	43-11640	
							SAL-FB-12-RKW5-3L-3 / P1	43-11641	
							SAL-FB-12-RKW5-3L-5 / P1	43-11642	
							SAL-FB-12-RKW5-3L-10 / P1	43-11643	

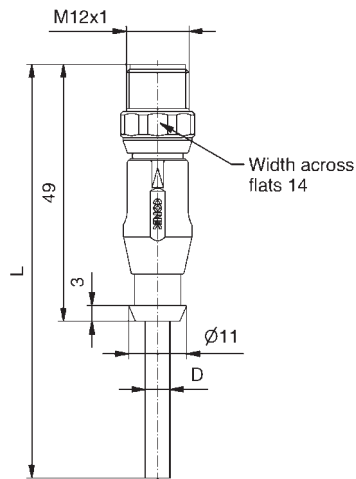
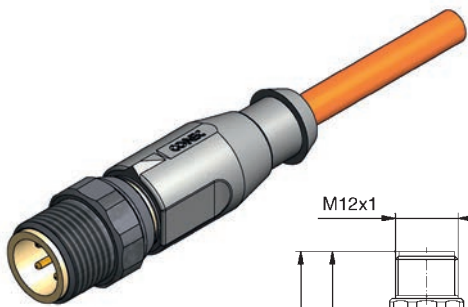
M12x1 F&B CONNECTORS OVERMOULDED

Male connector axial

PP, orange, Li12Y9Y

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	250	4	0,34	2	SAL-FB-12-RS4-2 / P1	43-10520
					3	SAL-FB-12-RS4-3 / P1	43-10521
					5	SAL-FB-12-RS4-5 / P1	43-10522
					10	SAL-FB-12-RS4-10 / P1	43-10523
5	A	60	4	0,34	2	SAL-FB-12-RS5-2 / P1	43-10524
					3	SAL-FB-12-RS5-3 / P1	43-10525
					5	SAL-FB-12-RS5-5 / P1	43-10526
					10	SAL-FB-12-RS5-10 / P1	43-10527



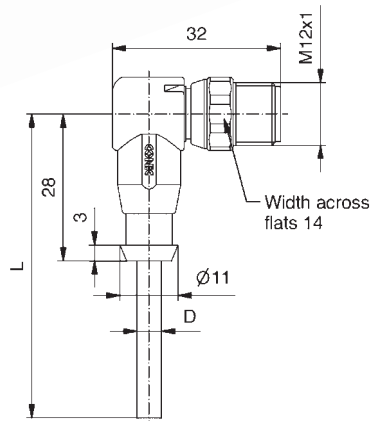
Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■

Male connector angled

PP, orange, Li12Y9Y

4	A	250	4	0,34	2	SAL-FB-12-RSW4-2 / P1 / A1090	43-14824
					3	SAL-FB-12-RSW4-3 / P1 / A1090	43-14825
					5	SAL-FB-12-RSW4-5 / P1 / A1090	43-14826
					10	SAL-FB-12-RSW4-10 / P1 / A1090	43-14827
5	A	60	4	0,34	2	SAL-FB-12-RSW5-2 / P1 / A1090	43-14828
					3	SAL-FB-12-RSW5-3 / P1 / A1090	43-14829
					5	SAL-FB-12-RSW5-5 / P1 / A1090	43-14830
					10	SAL-FB-12-RSW5-10 / P1 / A1090	43-14831



Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■

M12x1 F&B CONNECTORS OVERMOULDED

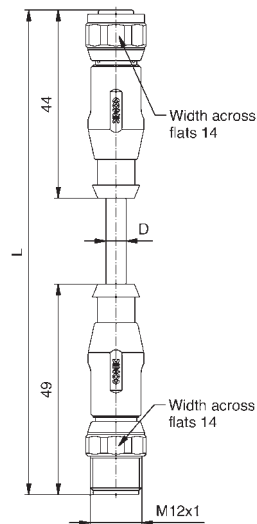
Connecting cable

Female connector axial
Male connector axial

PP, orange, Li12Y9Y

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [mm ²]	Description	Part No.
4	A	250	4	0,3	0,34	SAL-FB-12-RK4-RS4-0,3 / P1	43-10916
				0,6		SAL-FB-12-RK4-RS4-0,6 / P1	43-10917
				1,5		SAL-FB-12-RK4-RS4-1,5 / P1	43-10918
				3		SAL-FB-12-RK4-RS4-3 / P1	43-10919
5	A	60	4	0,3	0,34	SAL-FB-12-RK5-RS5-0,3 / P1	43-10920
				0,6		SAL-FB-12-RK5-RS5-0,6 / P1	43-10921
				1,5		SAL-FB-12-RK5-RS5-1,5 / P1	43-10922
				3		SAL-FB-12-RK5-RS5-3 / P1	43-10923



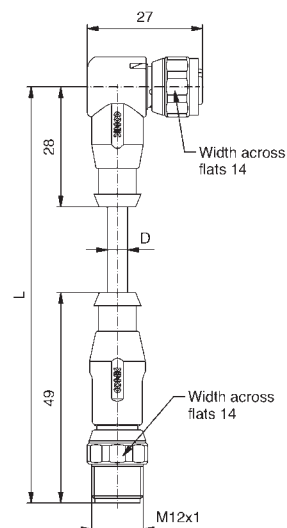
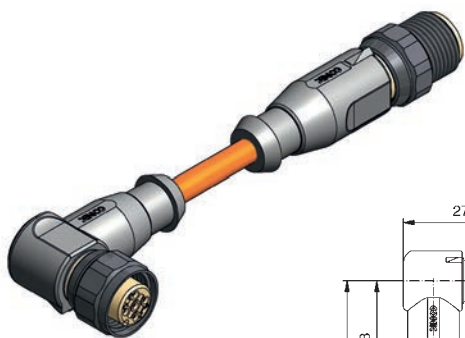
Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■

Female connector angled
Male connector axial

PP, orange, Li12Y9Y

4	A	250	4	0,3	0,34	SAL-FB-12-RKW4-RS4-0,3 / P1	43-10924
				0,6		SAL-FB-12-RKW4-RS4-0,6 / P1	43-10925
				1,5		SAL-FB-12-RKW4-RS4-1,5 / P1	43-10926
				3		SAL-FB-12-RKW4-RS4-3 / P1	43-10927
5	A	60	4	0,3	0,34	SAL-FB-12-RKW5-RS5-0,3 / P1	43-10928
				0,6		SAL-FB-12-RKW5-RS5-0,6 / P1	43-10929
				1,5		SAL-FB-12-RKW5-RS5-1,5 / P1	43-10930
				3		SAL-FB-12-RKW5-RS5-3 / P1	43-10931

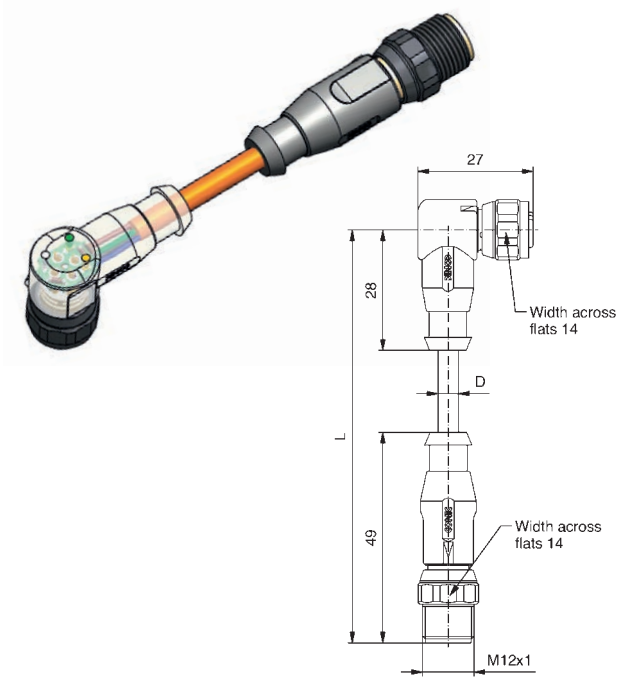
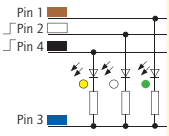
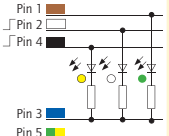


Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■
Pin 5 ■

M12x1 F&B CONNECTORS OVERMOULDED
Connecting cable with LED

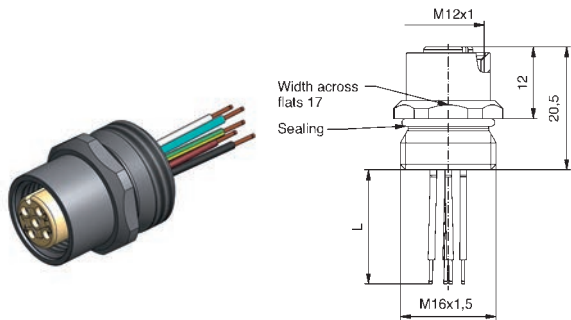
Female connector angled, 3-LED
Male connector axial

PP, orange, Li12Y9Y	Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable Length = L [m]	Wire cross section [mm²]	Description	Part No.
		4	A	30	4	0,3	0,34	SAL-FB-12-RKW4-RS4-3L-0,3 / P1	43-11652
								SAL-FB-12-RKW4-RS4-3L-0,6 / P1	43-11653
								SAL-FB-12-RKW4-RS4-3L-1,5 / P1	43-11654
								SAL-FB-12-RKW4-RS4-3L-3 / P1	43-11655
		5	A	30	4	0,3	0,34	SAL-FB-12-RKW5-RS5-3L-0,3 / P1	43-11656
								SAL-FB-12-RKW5-RS5-3L-0,6 / P1	43-11657
								SAL-FB-12-RKW5-RS5-3L-1,5 / P1	43-11658
								SAL-FB-12-RKW5-RS5-3L-3 / P1	43-11659

M12x1 F&B SOCKETS

Front panel mounting, wire termination

Female connector, M16x1.5 thread



Contact assignment

Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 

Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 5 
Pin 6 
Pin 7 
Pin 8 

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = L [m]
4	A	250	4	PVC	24	0,5
5	A	60	4	PVC	24	0,5
8	A	30	2	PVC	24	0,5

Description

Part No.

SAL-FB-12-FK4-0,5

43-01018

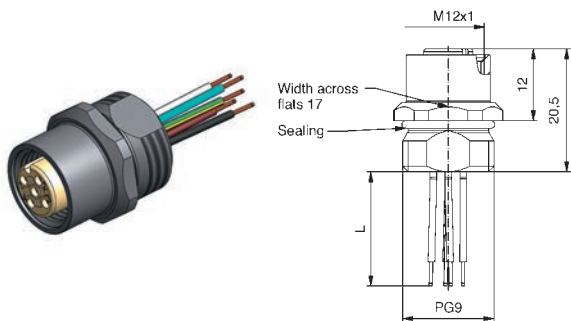
SAL-FB-12-FK5-0,5

43-01019

SAL-FB-12-FK8-0,5

43-02823

Female connector, PG9 thread



Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 

Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 5 
Pin 6 
Pin 7 
Pin 8 

4	A	250	4	PVC	24	0,5
5	A	60	4	PVC	24	0,5
8	A	30	2	PVC	24	0,5

SAL-FB-12-FK4-0,5-9

43-01103

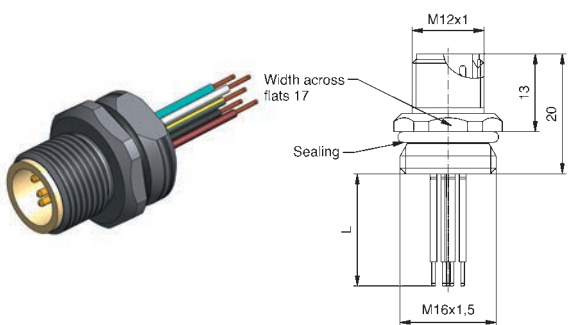
SAL-FB-12-FK5-0,5-9

43-01105

SAL-FB-12-FK8-0,5-9

43-02452

Male connector, M16x1.5 thread



Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 

Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 5 
Pin 6 
Pin 7 
Pin 8 

4	A	250	4	PVC	24	0,5
5	A	60	4	PVC	24	0,5
8	A	30	2	PVC	24	0,5

SAL-FB-12-FS4-0,5

43-01020

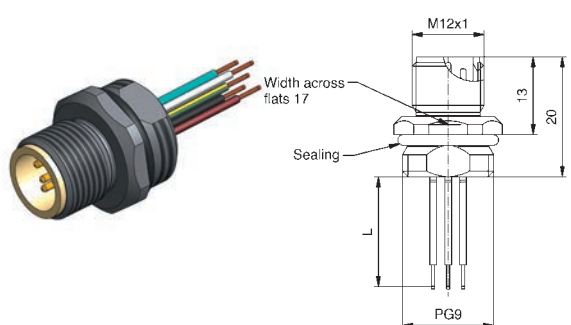
SAL-FB-12-FS5-0,5

43-01021

SAL-FB-12-FS8-0,5

43-01233

Male connector, PG9 thread



Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 

Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 5 
Pin 6 
Pin 7 
Pin 8 

4	A	250	4	PVC	24	0,5
5	A	60	4	PVC	24	0,5
8	A	30	2	PVC	24	0,5

SAL-FB-12-FS4-0,5-9

43-01106

SAL-FB-12-FS5-0,5-9

43-01108

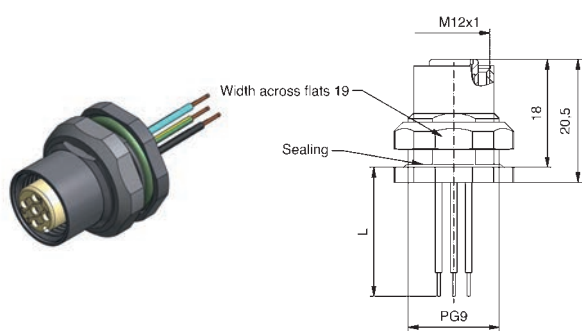
SAL-FB-12-FS8-0,5-9

43-02822

M12x1 F&B SOCKETS

Back panel mounting, wire termination

Female connector, PG9 thread



Contact assignment

Pin 1 
Pin 2 
Pin 3 
Pin 4 

4

A

250

4

PVC

24

0,5

SAL-FB-12-
FKH4-0,5-9

43-02328

Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 

5

A

60

4

PVC

24

0,5

SAL-FB-12-
FKH5-0,5-9

43-02329

Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 5 
Pin 6 
Pin 7 
Pin 8 

8

A

30

2

PVC

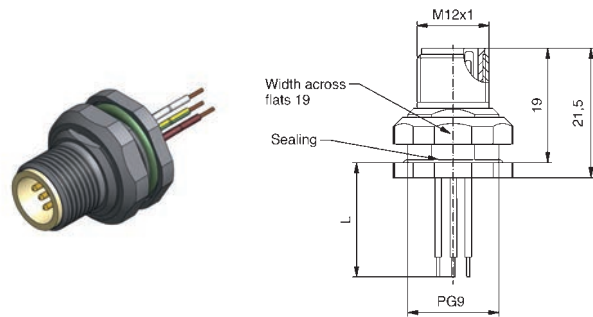
24

0,5

SAL-FB-12-
FKH8-0,5-9

43-02330

Male connector, PG9 thread



Pin 1 
Pin 2 
Pin 3 
Pin 4 

4

A

250

4

PVC

24

0,5

SAL-FB-12-
FSH4-0,5-9

43-02331

Pin 1 
Pin 2 
Pin 3 
Pin 4 
Pin 5 

5

A

60

4

PVC

24

0,5

SAL-FB-12-
FSH5-0,5-9

43-02332

Pin 1 
Pin 2 
Pin 3 
Pin 4 

Pin 5 
Pin 6 
Pin 7 
Pin 8 

8

A

30

2

PVC

24

0,5

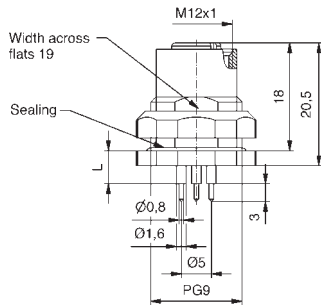
SAL-FB-12-
FSH8-0,5-9

43-02333

M12x1 F&B SOCKETS

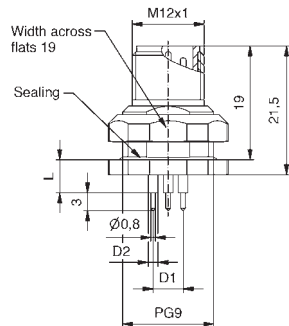
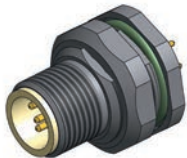
Back panel mounting, dip solder termination

Female connector, PG9 thread



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	A	250	4	5,5	SAL-FB-12-FKH4-P5,5-9	43-01894
5	A	60	4	5,5	SAL-FB-12-FKH5-P5,5-9	43-01896
8	A	30	2	5,5	SAL-FB-12-FKH8-P5,5-9	43-02340
4	A	250	4	12	SAL-FB-12-FKH4-P12-9	43-01895
5	A	60	4	12	SAL-FB-12-FKH5-P12-9	43-01897
8	A	30	2	12	SAL-FB-12-FKH8-P12-9	43-02341

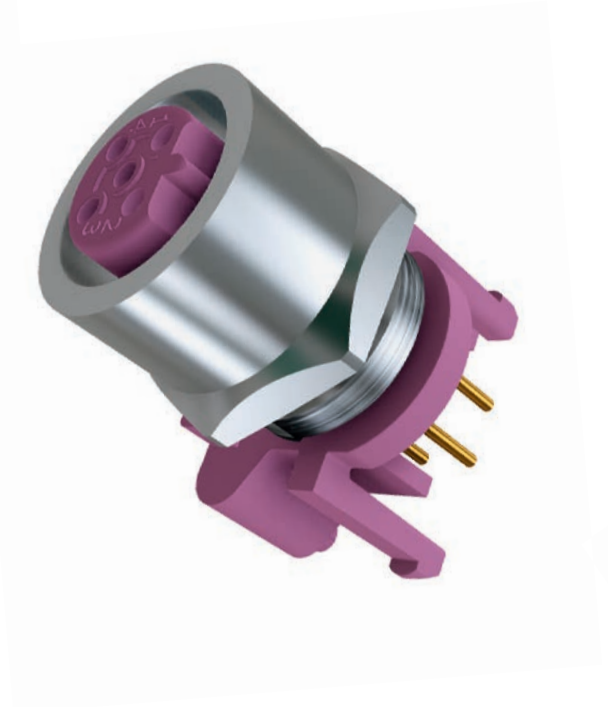
Male connector, PG9 thread

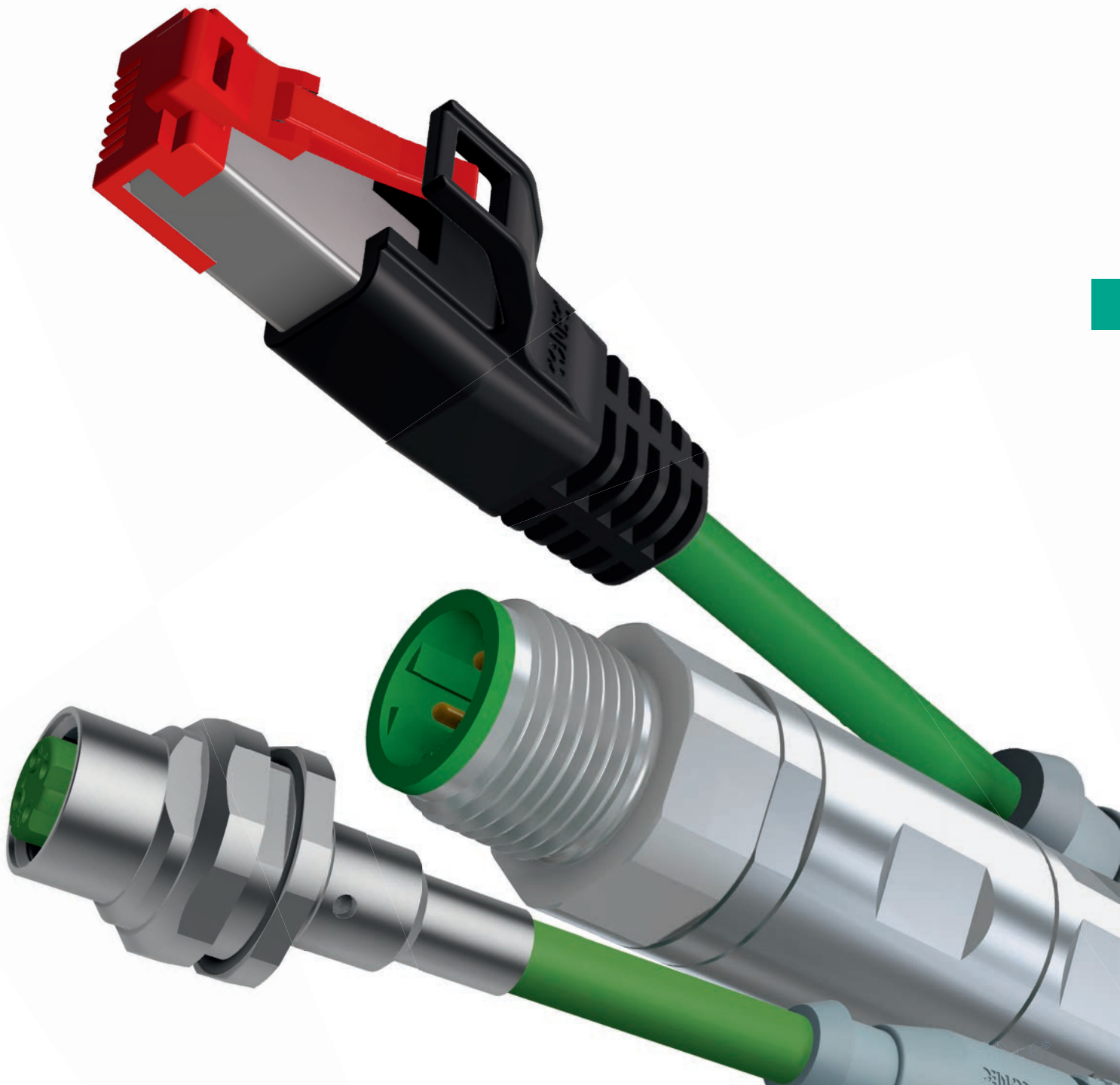


4	A	250	4	5,5	SAL-FB-12-FSH4-P5,5-9	43-02334
5	A	60	4	5,5	SAL-FB-12-FSH5-P5,5-9	43-02335
8	A	30	2	5,5	SAL-FB-12-FSH8-P5,5-9	43-02345
4	A	250	4	12	SAL-FB-12-FSH4-P12-9	43-02336
5	A	60	4	12	SAL-FB-12-FSH4-P12-9	43-02337
8	A	30	2	12	SAL-FB-12-FSH8-P12-9	43-02346

SECTION 9

CONNECTORS FOR BUS SYSTEMS_____





SAL CONNECTORS OVERMOULDED – PROFIBUS DP/ INDUSTRIAL ETHERNET 100 MHz/ETHERNET 10 Gbit/s

Nomenclature

S A L - 8 B - R K W 4 - 3 / G 4

SAL
Sensor Actor Line

Installation size
8 = M8x1
12 = M12x1
45 = RJ45

Coding
B = B-coding
D = D-coding
S = Standard, shielded (M8x1)
X = X-coding

Design
R = Circular connector
S = Special connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial
W = Angled
A = Termination plug

Number of poles
4 = 4-pos.
8 = 8-pos.

Cable length
XX = Length [m]

Cable quality
G4 = TPU, violet, UL, AWG 22
G5 = PVC, violet, UL, AWG 22
G6 = TPU, green, for drag chain applications, UL, AWG 22
G7 = TPU, violet, for drag chain applications, UL, AWG 23
GG = TPU, waterblue, S-FTP, CAT 6, AWG 26

SAL M8x1 CONNECTORS OVERMOULDED – PROFIBUS DP/ INDUSTRIAL ETHERNET 100 MHz/ETHERNET 10 GBIT/s

Product specification

Basic material	
Contact	CuZn / CuSn
Contact plating	Nickel plated, gold plated
Contact carrier	TPU GF, UL 94 / PA, UL 94 / PPA
Overmould	TPU, UL 94, grey
Sealing	FPM
Coupling nut/-screw	GD-Zn, Ni
Shield sleeve	CuZn, Ni

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-101 X-coding: IEC 61076-2-109
Current rating	IEC 61076-2-101 X-coding: IEC 61076-2-109
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Recommended torque: 0.6 Nm

Technical subject to change without notice.

SAL M12x1/7/8" CONNECTORS OVERMOULDED/ CAN-Bus/DEVICE NET

Nomenclature

S A L - D N - 1 2 - R K - 4 - 3 / G C

SAL
Sensor Actor Line

BUS
CN = CAN-Bus
DN = DeviceNet

Installation size
12 = M12x1
7/8 = 7/8"

Coding
S = A-coding shielded

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial
W = Angled
A = Termination plug

Number of poles
4 = 4-pos.
5 = 5-pos.

Cable length
XX = Length [m]

Cable quality
GC = PVC, grey, UL
GJ = TPU, violet, UL
GU = PVC, violet

SAL M12x1/7/8" CONNECTORS OVERMOULDED/ CAN-Bus/DEVICENET

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	TPU, UL 94 / TPU GF, UL 94 / PA UL
Overmould	TPU, UL 94, grey
Sealing	FPM
Coupling nut/-screw	GD-Zn, Ni / CuZn, Ni

Technical Data		
Information on the following pages are basing on below mentioned IEC-standards.		
	7/8"	M12x1
Rated voltage	IEC 60664-1	IEC 61076-2-101
Overvoltage category	IEC 60664-1 2	
Rated voltage	IEC 60664-1 2.7kV	
Current rating	IEC 60512-3	IEC 61076-2-101
Insulation resistance	IEC 60512	IEC 60512
Degree of pollution	IEC 60664-1	IEC 60664-1
Degree of protection	IEC 60529	IEC 60529
Mating cycles	IEC 60512-9a	IEC 60512-9a

Recommended torque: 0.6 Nm

Technical subject to change without notice.

SAL M12x1 Y-SPLITTER – PROFIBUS DP

Nomenclature

S A L - 1 2 B - R S 5 - 1 2 - R K 5 - 1 2 - R S 5

SAL
Sensor Actor Line

CONNECTION

Installation size
12 = M12x1

Coding
B = B-coding

Design
R = Circular connector

Gender
S = Male connector
K = Female connector

Number of poles
5 = 5-pos.

ALLOCATION

Installation size
12 = M12x1

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Number of poles
5 = 5-pos.

Installation size
12 = M12x1

Design
R = Circular connector

Gender
S = Male connector
F = Female connector

Number of poles
5 = 5-pos.

SAL M12x1 Y-SPLITTER – PROFIBUS DP

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PBT GF, UL 94
Overmould	Thermoplastic elastomere
Sealing	FPM

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-101
Current rating	IEC 61076-2-101
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Technical subject to change without notice.

SAL M12x1 CONNECTORS FIELD-ATTACHABLE – PROFIBUS DP/ INDUSTRIAL ETHERNET 100 MHz / ETHERNET 10 Gbit/s

Nomenclature

S A L - 1 2 B - R K C 4 - S / 150

SAL
Sensor Actor Line

Installation size
12 = M12x1

Coding
B = B-coding
D = D-coding
X = X-coding

Design
R = Circular connector

Gender
K = Female connector
S = Male connector

Configuration
= Axial

Design
C = Field attachable

Number of poles
4 = 4-pos.
5 = 5-pos.
8 = 8-pos.

Type of connection
S = Screw termination
K = Clamp connection
C = Crimp termination

Terminal cross section
034 = max. AWG 22
150 = max. 1.50 mm²
100 = max. 1.0 mm²

SAL M12x1 CONNECTORS FIELD-ATTACHABLE – PROFIBUS DP/ INDUSTRIAL ETHERNET 100 MHz / ETHERNET 10 GBIT/S

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PA6, UL 94
Housing	GD-Zn, Ni
Clamp-/screw contact	Stainless steel, nickel plated
Screw termination	CuZn / Ni, Sn gal.
Cable sealing	Elastomere
Sealing	FPM / NBR
Coupling nut/-screw	GD-Zn, Ni

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-101 X-coding = IEC 61076-2-109
Current rating	IEC 61076-2-101 X-coding = IEC 61076-2-109
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Recommended torque: 0.6 Nm

Technical subject to change without notice.

SAL M12x1 SOCKETS – PROFIBUS DP/ INDUSTRIAL ETHERNET 100 MHz / ETHERNET 10 Gbit/s

Nomenclature

S A L - 1 2 B - F K P W 4 - 05 - 9 / / SMT

SAL
Sensor Actor Line

Installation size

12 = M12x1
45 = RJ45

Coding

B = B-coding
D = D-coding
X = X-coding

Design

F = Socket
S = Special connector
I = Insulation body

Gender

K = Female connector
S = Male connector

Assembly

= Front panel mounting
P = Positioning possible, Front panel mounting
H = Back panel mounting

Configuration

= Axial
W = Angled
V = Square flange

Number of poles

4 = 4-pos.
8 = 8-pos.

Type of connection/Installation height

P5.5 = Dip solder 5.5 mm	X5.5 = Dip solder 5.5 mm	L = Solder termination
P6.75 = Dip solder 6.75 mm	X7.2 = Dip solder 7.2 mm	
P12 = Dip solder 12 mm	X9 = Dip solder 9 mm	
XX = Wire/Cable length [m]	X10 = Dip solder 10 mm	
	X13 = Dip solder 13 mm	

Pxx = Installation height one-piece socket
Xxx = Installation height two-piece socket

Screw connection

= M16x1.5	20 = Square flange 20 x 20
12 = M12x1	26 = Square flange 26 x 26
9 = PG9	

Cable quality

G4 = TPU, violet, UL, AWG 22
G5 = PVC, violet, UL, AWG 22
G6 = TPU, green, UL, AWG 22

Termination

= manual assembly
SMT = Surface Mount Technology (Reflow Soldering)
THR = Through Hole Reflow (Reflow Soldering)
WD = Wall busting

SAL M12x1 SOCKETS – PROFIBUS DP/ INDUSTRIAL ETHERNET 100 MHz / ETHERNET 10 Gbit/s

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PBT GF, UL 94 / PA GF, UL 94, LCP GF
Sealing	FPM / NBR
Counter nut	CuZn, Ni
Socket housing	CuZn, Ni
Sealing compound	Polyurethane-resin, UL 94
Shroud	Spring steel
Shroud surface	Sn gal.

Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Rated voltage	IEC 61076-2-101 X-coding = IEC 61076-2-109
Current rating	IEC 61076-2-101 X-coding = IEC 61076-2-109
Insulation resistance	IEC 60512
Degree of pollution	IEC 60664-1
Degree of protection	IEC 60529
Mating cycles	IEC 60512-9a

Recommended torque: 1-1.2 Nm

Technical subject to change without notice.

SAL D-SUB

Nomenclature

S A L - D S - S K S W 9 F

SAL
Sensor Actor Line

Installation size
DS = D-SUB

Design
S = Specific

Building
= Without programming interface
K = With programming interface

Configuration
S = Male connector

Configuration
= Axial
W = Angled

Number of poles
9 = 9-pos.

Cable-connection
= Quick connection IDC, inflexible conductor
F = Quick connection IDC, flexible conductor
S = Screw termination

SAL D-SUB

Product specification

Basic material	
Contact D-SUB	CuZn
Contact plating D-SUB	Nickel plated, gold plated
IDC-Contact	CuSn
Housing	Thermoplastic chrome-plated
Technical Data	
Information on the following pages are basing on below mentioned IEC-standards.	
Degree of protection	IEC 60529

Technical subject to change without notice.

SAL M12x1 / 7/8" SOCKETS/CAN-BUS/DEVICENET

Nomenclature

S A L - D N - 1 2 - F K H - 4 - 0,5 / G J

SAL
Sensor Actor Line

BUS
DN = DeviceNet
CN = CAN-Bus

Installation size
12 = M12x1
7/8 = 7/8"

Coding
= A-coding

Design
F = Socket

Gender
K = Female connector
S = Male connector

Assembly
= Front panel mounting
H = Back panel mounting

Configuration
= Axial

Number of poles
4 = 4-pos.
5 = 5-pos.

Length
XX = Wire/Cable length [m]

Cable quality
GJ = TPU, violet, UL

SAL M12x1 / 7/8" SOCKETS / CAN-Bus / DEVICE NET

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	PBT GF, UL 94
Sealing	FPM / NBR
Counter nut	CuZn, Ni
Socket housing	CuZn, Ni
Sealing compound	Polyurethane-resin, UL 94

Technical Data		
Information on the following pages are basing on below mentioned IEC-standards.		
	7/8"	M12x1
Rated voltage	IEC 60664-1	IEC 61076-2-101
Overvoltage category	IEC 60664-1 2	
Rated voltage	IEC 60664-1 2.7kV	
Current rating	IEC 60512-3	IEC 61076-2-101
Insulation resistance	IEC 60512	IEC 60512
Degree of pollution	IEC 60664-1	IEC 60664-1
Degree of protection	IEC 60529	IEC 60529
Mating cycles	IEC 60512-9a	IEC 60512-9a

Recommended torque: 1.2 Nm

Technical subject to change without notice.

M12x1 PROFIBUS DP OVERMOULDED 360° Shielding

Female connector axial

PVC, UL, violet, O2YSY(ST)CY

Contact assignment

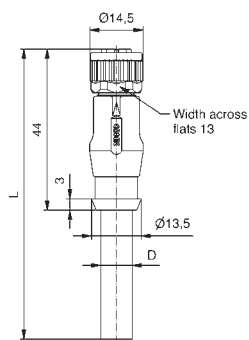
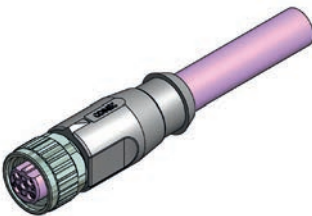
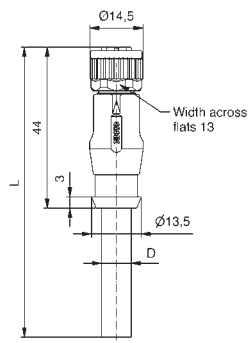
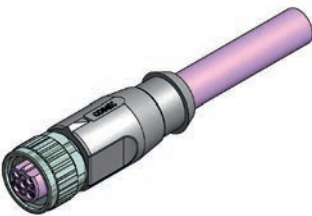
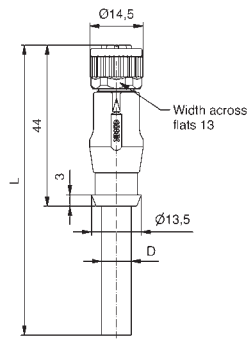
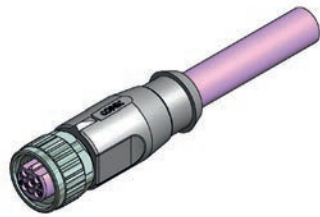
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	B	160	4	2 x 22	2	SAL-12B-RK4.1-2 / G5	43-11601
					3	SAL-12B-RK4.1-3 / G5	43-11602
					5	SAL-12B-RK4.1-5 / G5	43-11603
					10	SAL-12B-RK4.1-10 / G5	43-11604

TPU, UL, violet, O2YSH(ST)CH

4	B	160	4	2 x 22	2	SAL-12B-RK4.1-2 / G4	43-10932
					3	SAL-12B-RK4.1-3 / G4	43-10933
					5	SAL-12B-RK4.1-5 / G4	43-10934
					10	SAL-12B-RK4.1-10 / G4	43-10935

TPE, UL, highflexible, violet, O2YS(ST)C11Y

4	B	160	4	2 x 23	2	SAL-12B-RK4.1-2 / G7	43-11605
					3	SAL-12B-RK4.1-3 / G7	43-11606
					5	SAL-12B-RK4.1-5 / G7	43-11607
					10	SAL-12B-RK4.1-10 / G7	43-11608



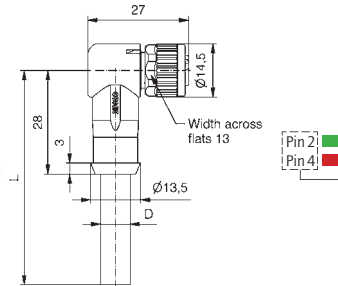
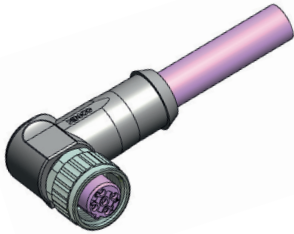
M12x1 PROFIBUS DP OVERMOULDED 360° Shielding

Female connector angled

PVC, UL, violet, 02YSY(ST)CY

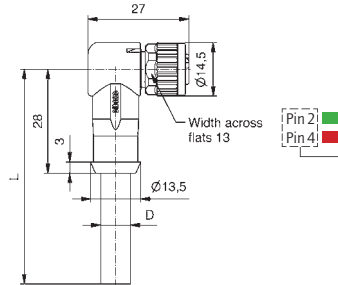
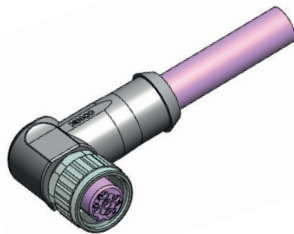
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	B	160	4	2 x 22	2	SAL-12B-RKW4.1-2/G5	43-12471
					3	SAL-12B-RKW4.1-3/G5	43-12472
					5	SAL-12B-RKW4.1-5/G5	43-12473
					10	SAL-12B-RKW4.1-10G5	43-12474



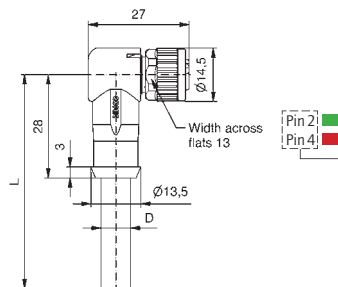
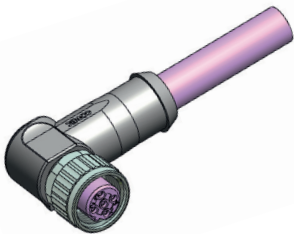
TPU, UL, violet, 02YSH(ST)CH

4	B	160	4	2 x 22	2	SAL-12B-RKW4.1-2/G4	43-12475
					3	SAL-12B-RKW4.1-3/G4	43-12476
					5	SAL-12B-RKW4.1-5/G4	43-12477
					10	SAL-12B-RKW4.1-10G4	43-12478



TPE, UL, highflexible, violet, 02YS(ST)C11Y

4	B	160	4	2 x 23	2	SAL-12B-RKW4.1-2/G7	43-12479
					3	SAL-12B-RKW4.1-3/G7	43-12480
					5	SAL-12B-RKW4.1-5/G7	43-12481
					10	SAL-12B-RKW4.1-10G7	43-12482



M12x1 PROFIBUS DP OVERMOULDED 360° Shielding

Male connector axial

PVC, UL, violet, 02YSY(ST)CY

Contact assignment

Number of poles

Coding

Rated voltage [V]

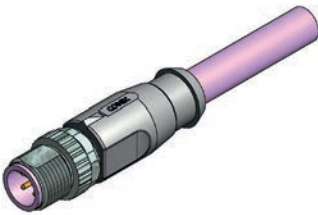
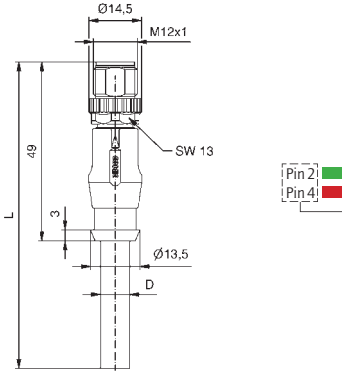
Current rating [A]

Cable length = L [m]

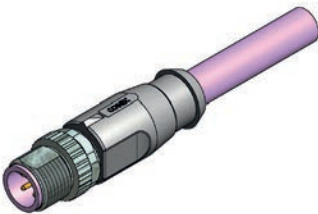
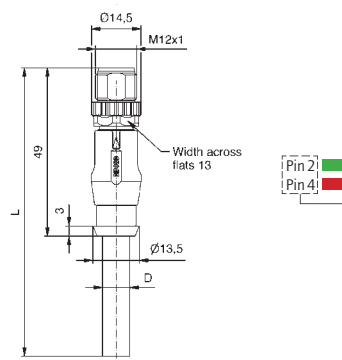
Wire cross section [AWG]

Description

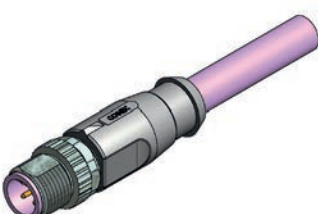
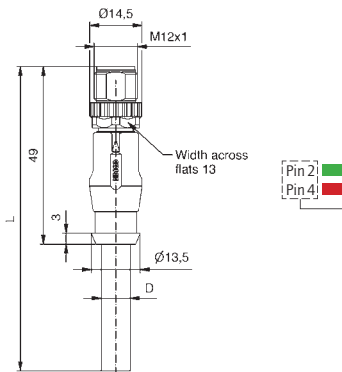
Part No.

 	2	2 x 22	SAL-12B-RS4.1-2 / G5	43-11609
	3		SAL-12B-RS4.1-3 / G5	43-11610
	5		SAL-12B-RS4.1-5 / G5	43-11611
	10		SAL-12B-RS4.1-10 / G5	43-11612

TPU, UL, violet, 02YSH(ST)CH

 	2	2 x 22	SAL-12B-RS4.1-2 / G4	43-10936
	3		SAL-12B-RS4.1-3 / G4	43-10937
	5		SAL-12B-RS4.1-5 / G4	43-10938
	10		SAL-12B-RS4.1-10 / G4	43-10939

TPE, UL, highflexible, violet, 02YS(ST)C11Y

 	2	2 x 23	SAL-12B-RS4.1-2 / G7	43-11613
	3		SAL-12B-RS4.1-3 / G7	43-11614
	5		SAL-12B-RS4.1-5 / G7	43-11615
	10		SAL-12B-RS4.1-10 / G7	43-11616

Male connector angled

CONEC® 255

M12x1 PROFIBUS DP OVERMOULDED Connecting cable with 360° Shielding

Female connector axial
Male connector axial

PVC, UL, violet, 02YSY(ST)CY

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	B	160	4	2 x 22	0,3	SAL-12B-RK4.1-RS4.1-0,3/G5	43-11617
					0,6	SAL-12B-RK4.1-RS4.1-0,6/G5	43-11618
					1,5	SAL-12B-RK4.1-RS4.1-1,5/G5	43-11619
					3	SAL-12B-RK4.1-RS4.1-3/G5	43-11620

TPU, UL, violet, 02YSH(ST)CH

4	B	160	4	2 x 22	0,3	SAL-12B-RK4.1-RS4.1-0,3/G4	43-10940
					0,6	SAL-12B-RK4.1-RS4.1-0,6/G4	43-10941
					1,5	SAL-12B-RK4.1-RS4.1-1,5/G4	43-10942
					3	SAL-12B-RK4.1-RS4.1-3/G4	43-10943

TPE, UL, highflexible, violet, 02YS(ST)C11Y

4	B	160	4	2 x 23	0,3	SAL-12B-RK4.1-RS4.1-0,3/G7	43-11228
					0,6	SAL-12B-RK4.1-RS4.1-0,6/G7	43-11621
					1,5	SAL-12B-RK4.1-RS4.1-1,5/G7	43-11622
					3	SAL-12B-RK4.1-RS4.1-3/G7	43-11623

Female socket axial, Back panel mounting
Male connector axial, overmoulded

TPU, UL, violet, 02YSH(ST)CH

4	B	160	4	0,5	2 x 22	SAL-12B-FKH4.1-RS4.1-0,5/G4	43-01669
4	B	160	4	1	2 x 22	SAL-12B-FKH4.1-RS4.1-1/G4	43-01670
4	B	160	4	2	2 x 22	SAL-12B-FKH4.1-RS4.1-2/G4	43-01671

M12x1 PROFIBUS DP OVERMOULDED
360° Shielding

Termination plug

Male connector axial

Contact assignment

Number of poles

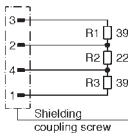
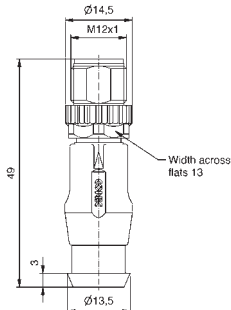
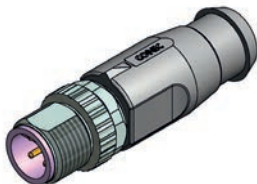
Coding

Rated voltage [V]

Current rating [A]

Description

Part No.



4

B

160

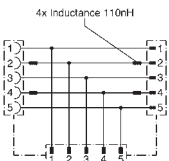
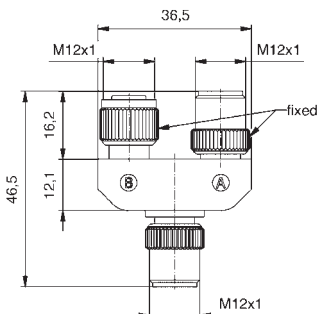
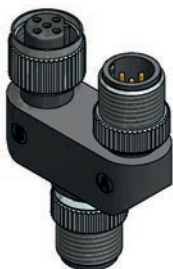
SAL-12B-RSA4.1

43-12483

Y-SPLITTER

Male connector M12x1

Female connector M12x1 – Male connector M12x1



5

B

60

4

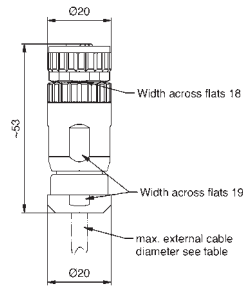
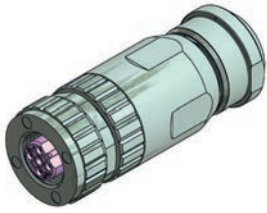
SAL-12B-RS5-RK5-RS5

43-11210

M12x1 PROFIBUS DP FIELD ATTACHABLE 360° Shielding

Screw termination

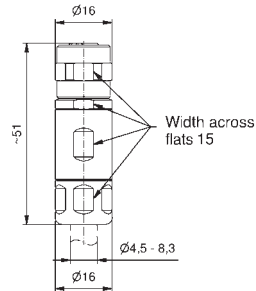
Female connector, axial



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer Ø cable [mm]	Wire cross section min-max [mm²]	Description	Part No.
4	B	250	7,5	4-8	0,25 - 1,50	SAL-12B-RKC4-S/150	43-00292
5	B	60	7,5	4-8	0,25 - 1,50	SAL-12B-RKC5-S/150	43-00293

Crimp termination

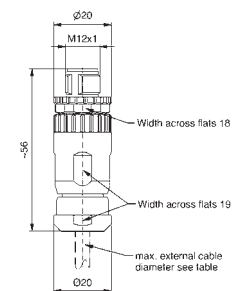
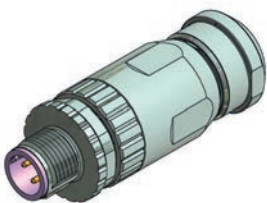
Female connector, axial



4	B	250	4	4,5 - 8,3	0,25 - 1,0	SAL-12B-RKC4-C/100	43-00414
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Screw termination

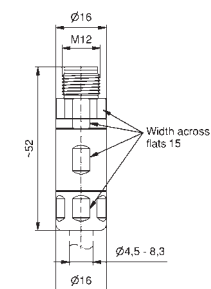
Male connector, axial



4	B	250	7,5	4-8	0,25 - 1,50	SAL-12B-RSC4-S/150	43-00294
5	B	60	7,5	4-8	0,25 - 1,50	SAL-12B-RSC5-S/150	43-00295

Crimp termination

Male connector axial



4	B	250	4	4,5 - 8,3	0,25 - 1,0	SAL-12B-RSC4-C/100	43-00415
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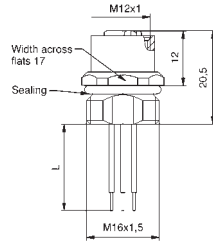
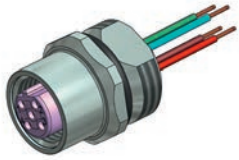
M12x1 PROFIBUS DP SOCKETS

Front panel mounting, Wire termination

Female connector, M16x1.5 thread

Contact assignment

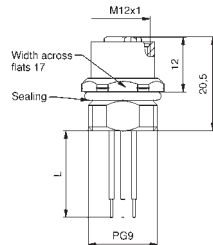
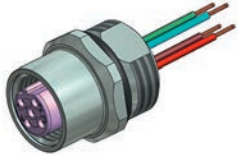
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire length = L [m]	Wire cross section [AWG]	Description	Part No.
4	B	250	4	PVC	0,5	22	SAL-12B-FK4.3-0,5	43-01042



Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Female connector, PG9 thread

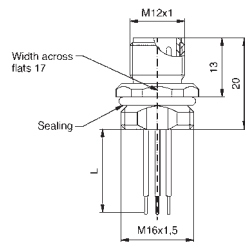
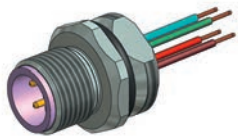
4	B	250	4	PVC	0,5	22	SAL-12B-FK4.3-0,5-9	43-01109
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Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Male connector, M16x1.5 thread

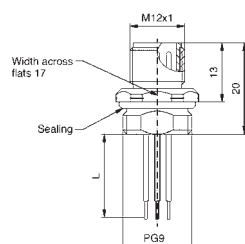
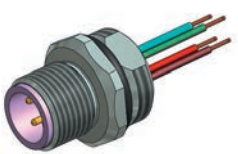
4	B	250	4	PVC	0,5	22	SAL-12B-FS4.3-0,5	43-01043
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Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

Male connector, PG9 thread

4	B	250	4	PVC	0,5	22	SAL-12B-FS4.3-0,5-9	43-01110
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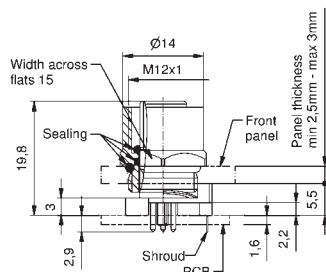


Pin 1 ■
Pin 2 ■
Pin 3 ■
Pin 4 ■

M12x1 PROFIBUS DP SOCKETS

Front panel mounting, Dip solder termination

Two-piece female connector, axial with shroud, installation height 5.5 mm



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

B

250

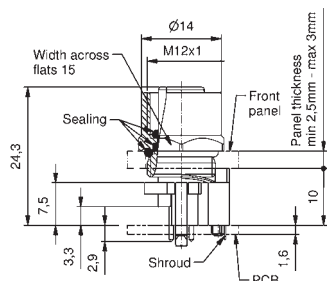
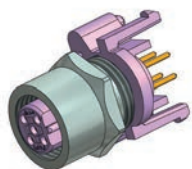
4

5,5

SAL-12B-FK4-X5,5

43-01216

Two-piece female connector, axial with shroud, installation height 10 mm



4

B

250

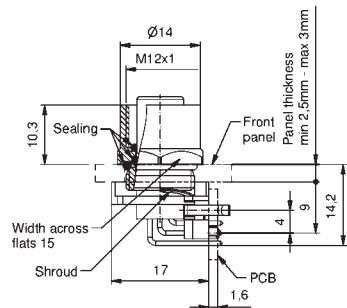
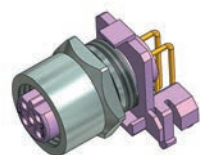
4

10

SAL-12B-FK4-X10

43-01212

Two-piece female connector, angled with shroud



4

B

250

4

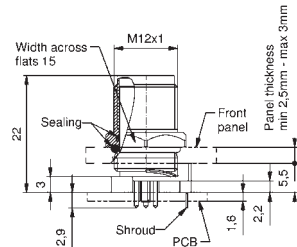
SAL-12B-FKW4

43-01224

M12x1 PROFIBUS DP SOCKETS

Front panel mounting, Dip solder termination

Two-piece male connector, axial with shroud, installation height 5.5 mm



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

B

250

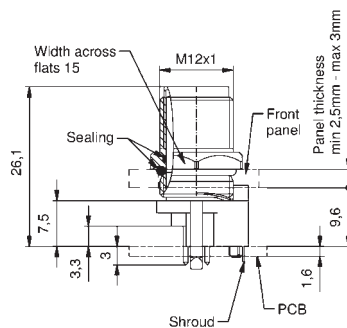
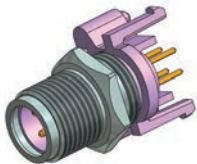
4

5,5

SAL-12B-FS4-X5,5

43-01218

Two-piece male connector, axial with shroud, installation height 10 mm



4

B

250

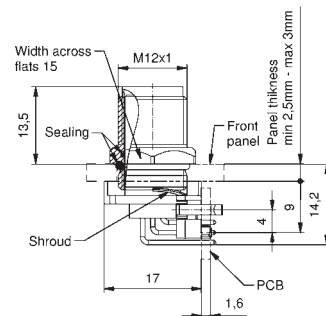
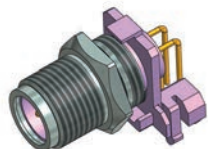
4

10

SAL-12B-FS4-X10

43-01214

Two-piece male connector, angled with shroud



4

B

250

4

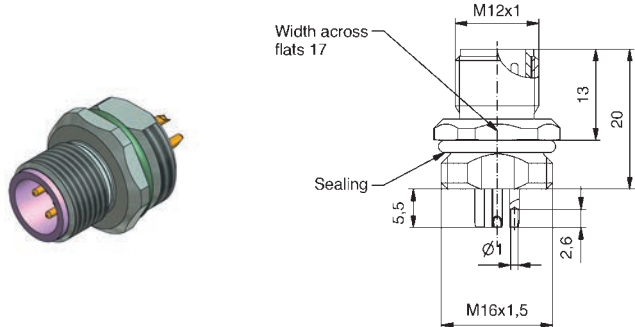
SAL-12B-FSW4

43-01226

M12x1 PROFIBUS DP SOCKETS

Front panel mounting, Solder termination/Solder cup

Male connector, M16x1.5 thread



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

B

250

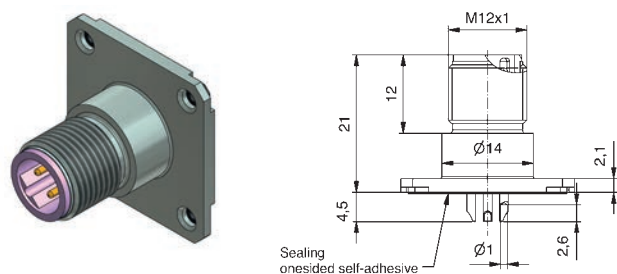
4

5,5

SAL-12B-FS4-L

43-02296

Male connector, square flange 26 mm



4

B

250

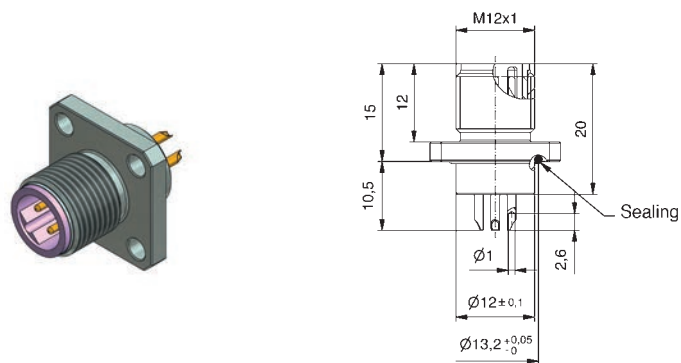
4

4,5

SAL-12B-FSV4-L-26

43-02305

Male connector, square flange 20 mm



4

B

250

4

10,5

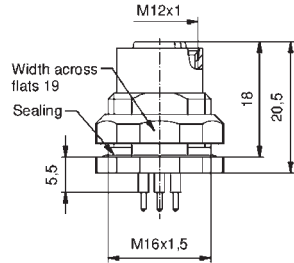
SAL-12B-FSV04-L-20

43-02302

M12x1 PROFIBUS DP SOCKETS

Back panel mounting, Dip solder termination

Female connector, M16x1.5 thread



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

B

250

4

5,5

SAL-12B-FKH4-P5,5

43-01123

4

B

250

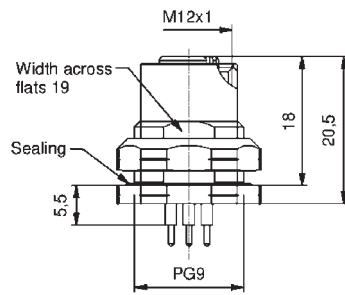
4

12

SAL-12B-FKH4-P12

43-01124

Female connector, PG9 thread



4

B

250

4

5,5

SAL-12B-FKH4-P5,5-9

43-01249

4

B

250

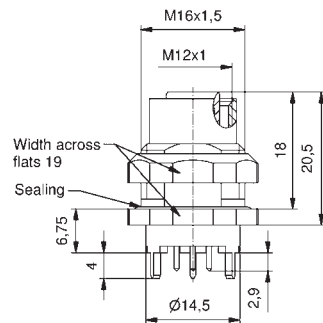
4

12

SAL-12B-FKH4-P12-9

43-01250

Female connector with shielded connection, M16x1.5 thread



4

B

250

4

6,75

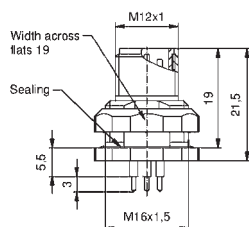
SAL-12B-FKH4-P6,75

43-01689

M12x1 PROFIBUS DP SOCKETS

Back panel mounting, Dip solder termination

Male connector, M16x1.5 thread



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

B

250

4

5,5

SAL-12B-FSH4-P5,5

43-01125

4

B

250

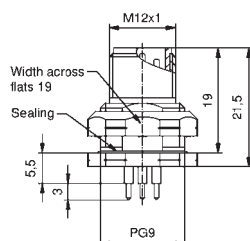
4

12

SAL-12B-FSH4-P12

43-01126

Male connector, PG9 thread



4

B

250

4

5,5

SAL-12B-FSH4-P5,5-9

43-01251

4

B

250

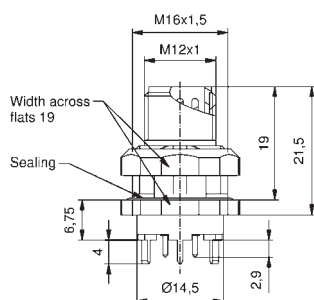
4

12

SAL-12B-FSH4-P12-9

43-01252

Male connector with shielded connection, M16x1.5 thread



4

B

250

4

6,75

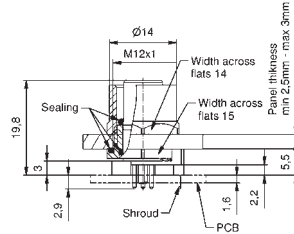
SAL-12B-FSH4-P6,75

43-02207

M12x1 PROFIBUS DP SOCKETS with shroud

Back panel mounting, Dip solder termination

Two-piece female connector, axial with shroud, installation height 5.5 mm



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

B

250

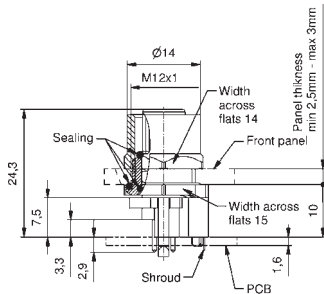
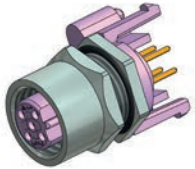
4

5,5

SAL-12B-FKH4-X5,5

43-01217

Two-piece female connector, axial with shroud, installation height 10 mm



4

B

250

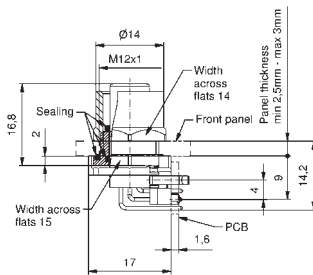
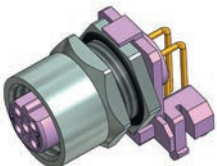
4

10

SAL-12B-FKH4-X10

43-01213

Two-piece female connector, angled with shroud



4

B

250

4

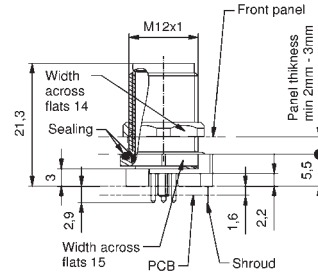
SAL-12B-FKHW4

43-01225

M12x1 PROFIBUS DP SOCKETS with shroud

Back panel mounting, Dip solder termination

Two-piece male connector, axial with shroud, installation height 5.5 mm



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

B

250

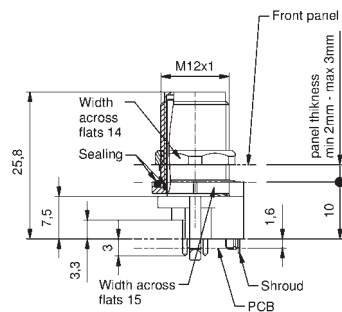
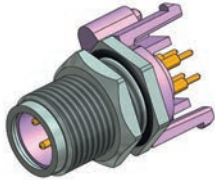
4

5,5

SAL-12B-FSH4-X5,5

43-01219

Two-piece male connector, axial with shroud, installation height 10 mm



4

B

250

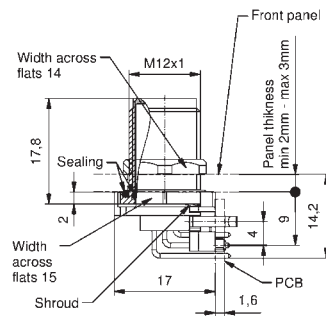
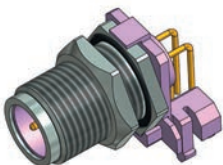
4

10

SAL-12B-FSH4-X10

43-01215

Two-piece male connector, angled with shroud



4

B

250

4

SAL-12B-FSHW4

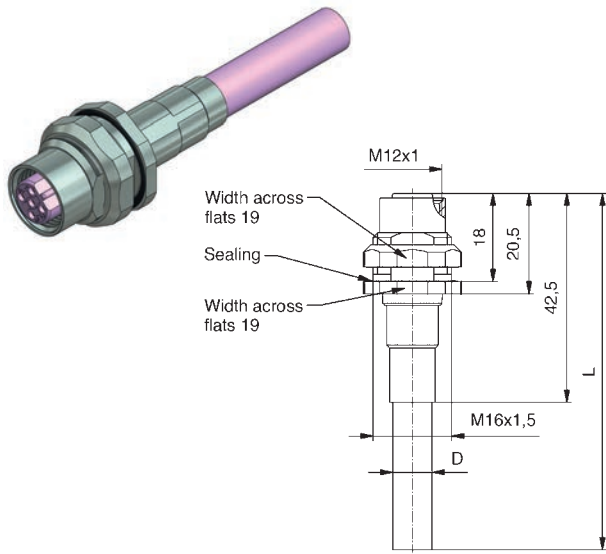
43-01227

M12x1 PROFIBUS DP SOCKETS 360° Shielding

Back panel mounting with cable

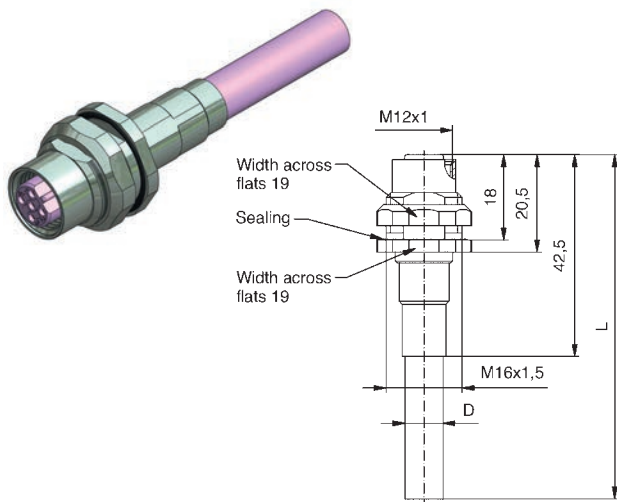
Female connector, M16x1.5 thread, PVC, UL, violet, O2YSY(ST)CY

Contact assignment



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	B	160	4	0,5	2 x 22	SAL-12B-FKH4.1-0,5/ G5	43-01654
4	B	160	4	1	2 x 22	SAL-12B-FKH4.1-1/ G5	43-01655
4	B	160	4	2	2 x 22	SAL-12B-FKH4.1-2/ G5	43-01656

Female connector, M16x1.5 thread, TPU, UL, violet, O2YSH(ST)CH



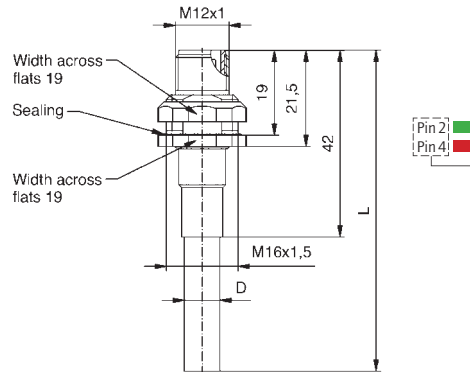
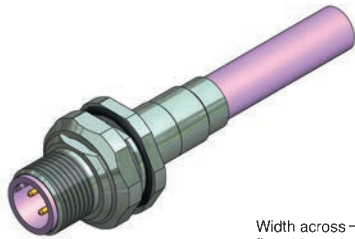
4	B	160	4	0,5	2 x 22	SAL-12B-FKH4.1-0,5/ G4	43-01648
4	B	160	4	1	2 x 22	SAL-12B-FKH4.1-1/ G4	43-01649
4	B	160	4	2	2 x 22	SAL-12B-FKH4.1-2/ G4	43-01650

M12x1 PROFIBUS DP SOCKETS 360° Shielding

Back panel mounting with cable

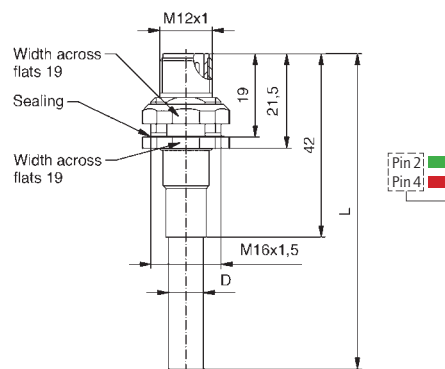
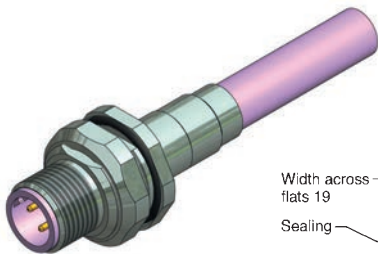
Male connector, M16x1.5 thread, PVC, UL, violet, 02YSY(ST)CY

Contact assignment



Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	B	160	4	0,5	2 x 22	SAL-12B-FSH4.1-0,5/ G5	43-01657
4	B	160	4	1	2 x 22	SAL-12B-FSH4.1-1/ G5	43-01658
4	B	160	4	2	2 x 22	SAL-12B-FSH4.1-2/ G5	43-01659

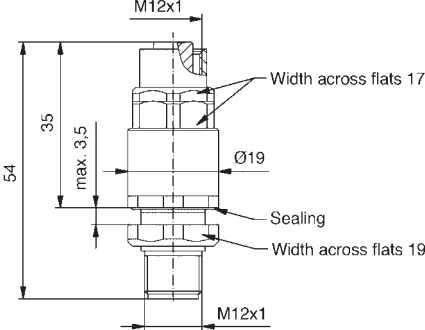
Male connector, M16x1.5 thread, TPU, UL, violet, 02YSH(ST)CH



4	B	160	4	0,5	2 x 22	SAL-12B-FSH4.1-0,5/ G4	43-01651
4	B	160	4	1	2 x 22	SAL-12B-FSH4.1-1/ G4	43-01652
4	B	160	4	2	2 x 22	SAL-12B-FSH4.1-2/ G4	43-01653

M12x1 PROFIBUS DP
 Lead through for switch case

FlanschMale connector (inflexible)
 Female socket (flexible)

		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
 		4	B	250	4			SAL-12B-FSH4-FKP4-WD	43-01693

D-SUB – M12x1 PROFIBUS DP Connecting cable

D-SUB Male connector 9-pos., angled with programming interface
Male connector/Female connector M12x1 axial, 4-pos.

PVC, UL, violet, 02YSY(ST)CY

Contact assignment

Number of poles

Coding

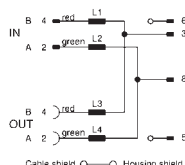
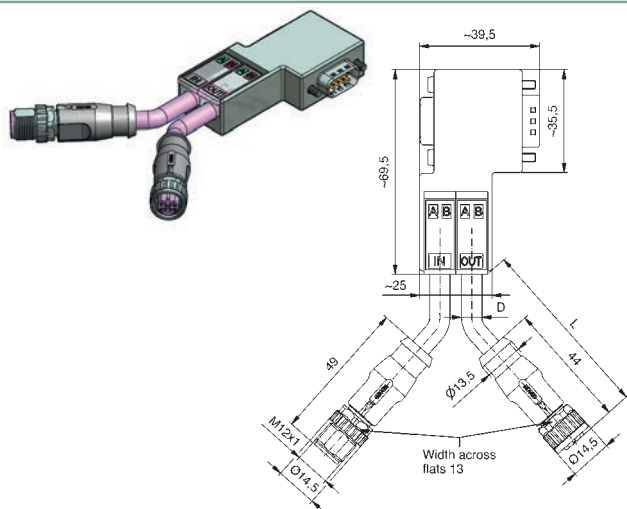
Rated voltage [V]

Cable length = L [m]

Wire cross section [AWG]

Description

Part No.



0,5

4,75 - 5,25 V DC

1

2 x 22

SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-0,5/G5

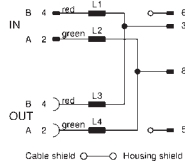
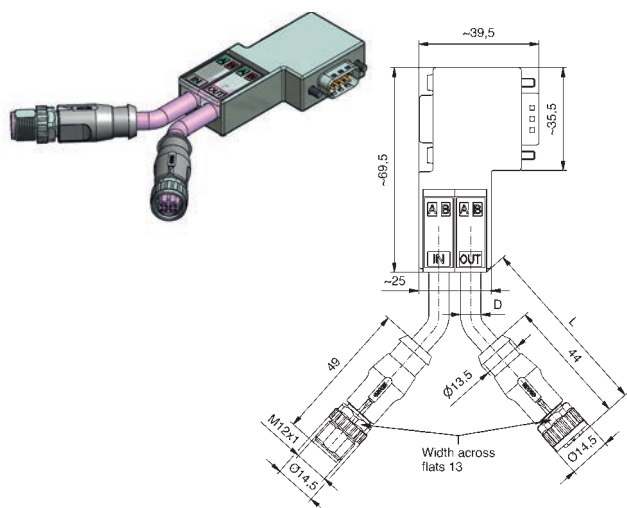
43-11756

2

SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-2/G5

43-11758

TPU, UL, violet, 02YSH(ST)CH



0,5

4,75 - 5,25 V DC

1

2 x 22

SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-0,5/G4

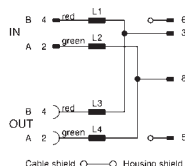
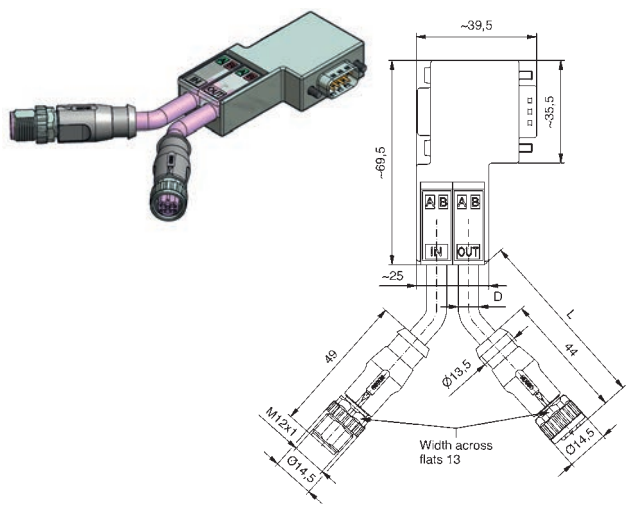
43-11753

2

SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-2/G4

43-11755

TPE, UL, highflexible, violet, 02YS(ST)C11Y



0,5

4,75 - 5,25 V DC

1

2 x 23

SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-0,5/G7

43-11759

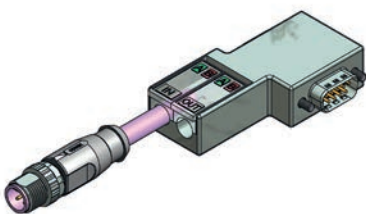
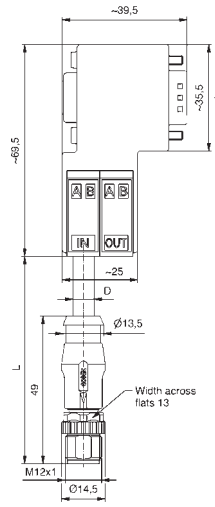
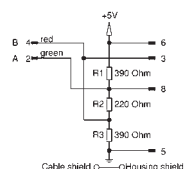
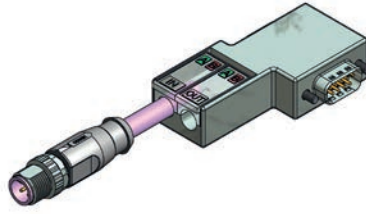
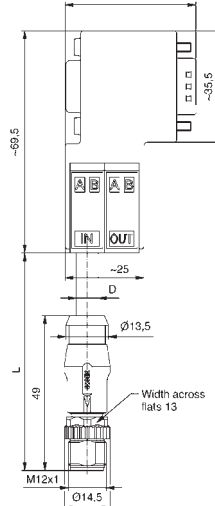
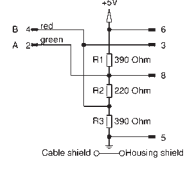
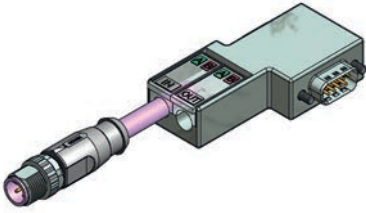
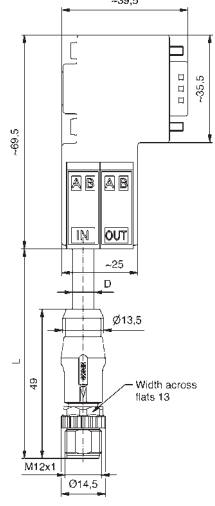
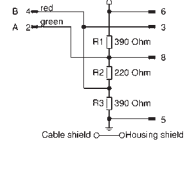
2

SAL-DS-SKSW9.1-12B-RS4.1-RK4.1-2/G7

43-11761

D-SUB – M12x1 PROFIBUS DP Connecting cable

D-SUB Male connector 9-pos., angled with programming interface
Male connector M12x1 axial, 4-pos.

PVC, UL, violet, 02YSY(ST)CY			Contact assignment	Num	Codi	Rated	Cabl	Wire	Description	Part No.
			9/4	B	4,75 - 5,25 V DC	3	2 x 22	SAL-DS-SKSW9-12B-RS4.1-2 / G5	43-11747	
								SAL-DS-SKSW9-12B-RS4.1-3 / G5	43-11748	
								SAL-DS-SKSW9-12B-RS4.1-5 / G5	43-11749	
TPU, UL, violet, 02YSH(ST)CH										
			9/4	B	4,75 - 5,25 V DC	3	2 x 22	SAL-DS-SKSW9-12B-RS4.1-2 / G4	43-11744	
								SAL-DS-SKSW9-12B-RS4.1-3 / G4	43-11745	
								SAL-DS-SKSW9-12B-RS4.1-5 / G4	43-11746	
TPE, UL, highflexible, violet, 02YS(ST)C11Y										
			9/4	B	4,75 - 5,25 V DC	3	2 x 23	SAL-DS-SKSW9-12B-RS4.1-2 / G7	43-11750	
								SAL-DS-SKSW9-12B-RS4.1-3 / G7	43-11751	
								SAL-DS-SKSW9-12B-RS4.1-5 / G7	43-11752	

D-SUB – M12x1 PROFIBUS DP Connecting cable

D-SUB Male connector 9-pos., angled with programming interface
Female connector M12x1 axial, 4-pos.

PVC, UL, violet, 02YSY(ST)CY

Contact assignment

Number of poles

Coding

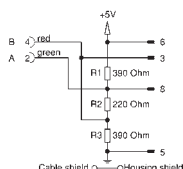
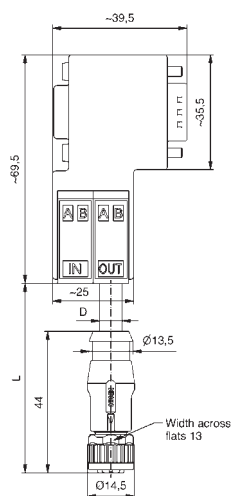
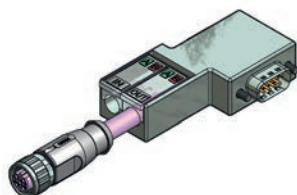
Rated voltage [V]

Cable length = L [m]

Wire cross section [AWG]

Description

Part No.



9/4

B

4,75 - 5,25 V DC

3

2 x 22

SAL-DS-SKSW9-12B-RK4.1-2 / G5

43-11738

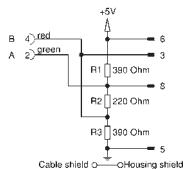
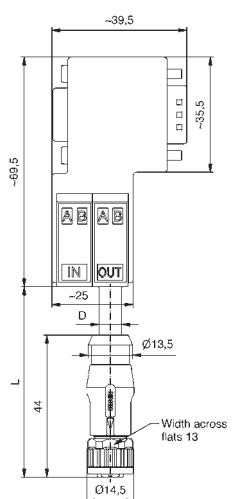
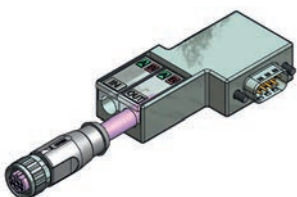
SAL-DS-SKSW9-12B-RK4.1-3 / G5

43-11739

SAL-DS-SKSW9-12B-RK4.1-5 / G5

43-11740

TPU, UL, violet, 02YSH(ST)CH



9/4

B

4,75 - 5,25 V DC

3

2 x 22

SAL-DS-SKSW9-12B-RK4.1-2 / G4

43-11735

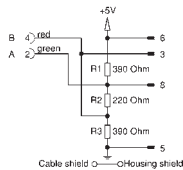
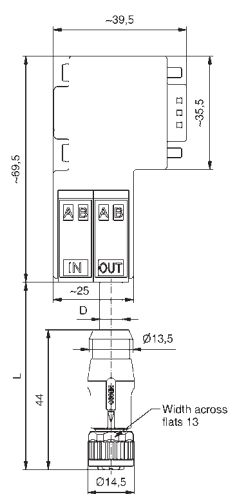
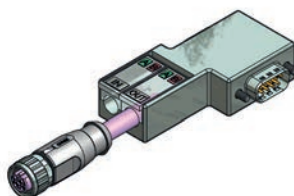
SAL-DS-SKSW9-12B-RK4.1-3 / G4

43-11736

SAL-DS-SKSW9-12B-RK4.1-5 / G4

43-11737

TPE, UL, highflexible, violet, 02YS(ST)C11Y



9/4

B

4,75 - 5,25 V DC

3

2 x 23

SAL-DS-SKSW9-12B-RK4.1-2 / G7

43-11741

SAL-DS-SKSW9-12B-RK4.1-3 / G7

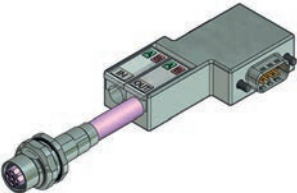
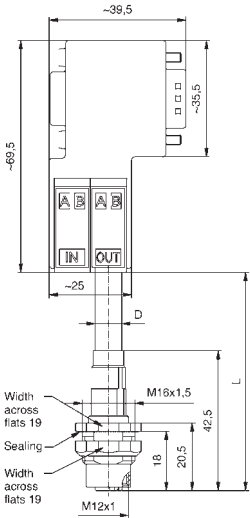
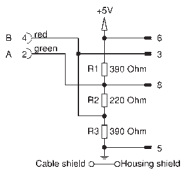
43-11742

SAL-DS-SKSW9-12B-RK4.1-5 / G7

43-11743

SOCKETS FÜR BUS-SYSTEMS
D-SUB auf M12x1 – Profibus DP Connecting cable

D-SUB Male connector 9-pos., angled with programming interface
 Female socket, M12x1, axial 4-pos. Back panel mounting

TPU, UL, violet, O2YSH(ST)CH	Contact assignment	Number of poles	Coding	Rated voltage [V]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
  					0,5		SAL-DS-SKSW9-12B-FKH4.1-0,5 / G4	43-01675
		9/4	B	160 V	1	2 x 22	SAL-DS-SKSW9-12B-FKH4.1-1 / G4	43-01676
					2		SAL-DS-SKSW9-12B-FKH4.1-2 / G4	43-01677

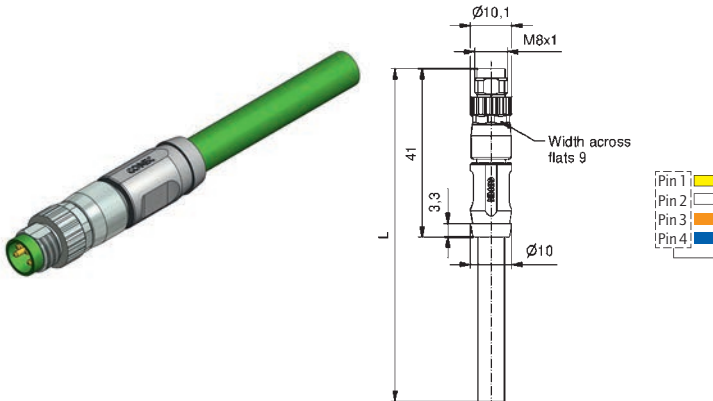
M8x1 INDUSTRIAL ETHERNET 100MHz OVERMOULDED 360° Shielding

Male connector axial

TPU, UL, halogenfree, green, Cat 5e

Contact assignment

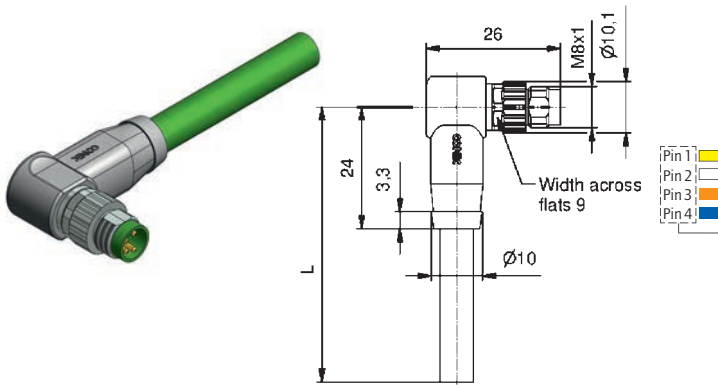
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	30	3	2	4 x 22		SAL-8S-RS4.2-2/ G6/034	42-13469
			3			SAL-8S-RS4.2-3/ G6/034	42-13470
			5			SAL-8S-RS4.2-5/ G6/034	42-13471
			10			SAL-8S-RS4.2-10/ G6/034	42-13472



Male connector angled

TPU, UL, halogenfree, green, Cat 5e

4	30	3	2	4 x 22		SAL-8S-RSW4.2-2/ G6/034	42-13473
			3			SAL-8S-RSW4.2-3/ G6/034	42-13474
			5			SAL-8S-RSW4.2-5/ G6/034	42-13475
			10			SAL-8S-RSW4.2-10/ G6/034	42-13476



M8x1 INDUSTRIAL ETHERNET 100MHz OVERMOULDED

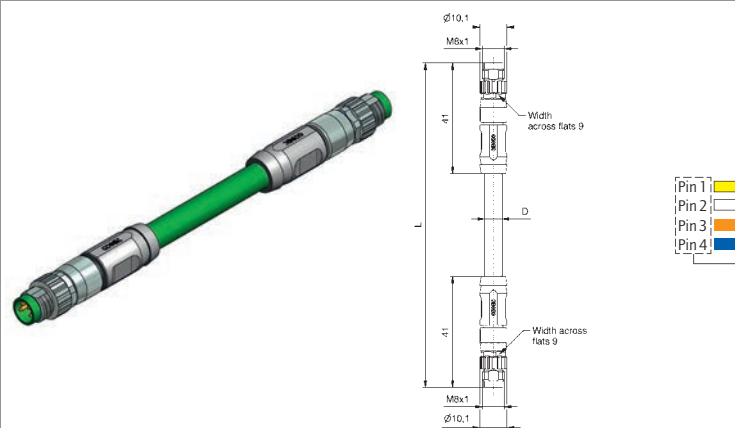
Connecting cable with 360° Shielding

Male connector axial
Male connector axial

TPU, UL, halogenfree, green, Cat 5e

Contact assignment

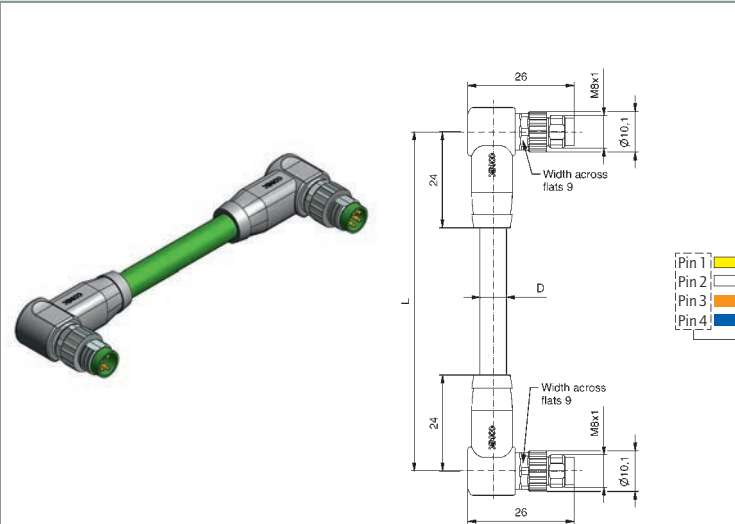
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	30	3	1	4 x 22		SAL-8S-RS4.2-RS4.2-1/G6/034	42-13477
			2			SAL-8S-RS4.2-RS4.2-2/G6/034	42-13478
			5			SAL-8S-RS4.2-RS4.2-5/G6/034	42-13479
			10			SAL-8S-RS4.2-RS4.2-10G6/034	42-13480



Male connector angled
Male connector angled

TPU, UL, halogenfree, green, Cat 5e

4	30	3	1	4 x 22		SAL-8S-RSW4.2-RSW4.2-1/G6/034	42-13481
			2			SAL-8S-RSW4.2-RSW4.2-2/G6/034	42-13482
			5			SAL-8S-RSW4.2-RSW4.2-5/G6/034	42-13483
			10			SAL-8S-RSW4.2-RSW4.2-10/G6/034	42-13484



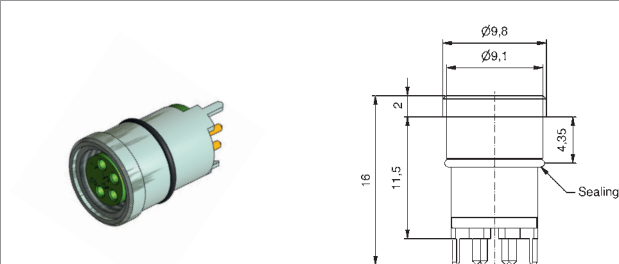
M8x1 INDUSTRIAL ETHERNET 100MHz

Socket

Front panel mounting, Dip solder termination

Female connector axial, shielded

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4		30	3	16	SAL-8D-EKVM4-P16	42-01052



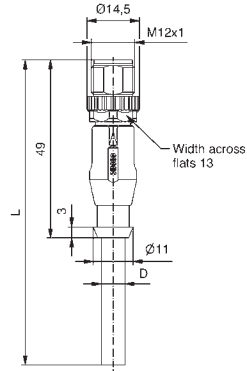
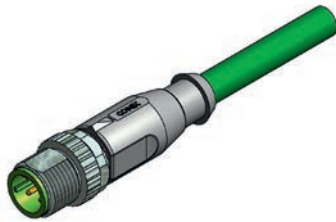
M12x1 INDUSTRIAL ETHERNET 100MHz OVERMOULDED 360° Shielding

Male connector axial

TPU, UL, halogenfree, green, Cat 5e

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	D	160	4	4 x 22	2	SAL-12D-RS4.2-2 / G6	43-10944
					3	SAL-12D-RS4.2-3 / G6	43-10945
					5	SAL-12D-RS4.2-5 / G6	43-10946
					10	SAL-12D-RS4.2-10 / G6	43-10947

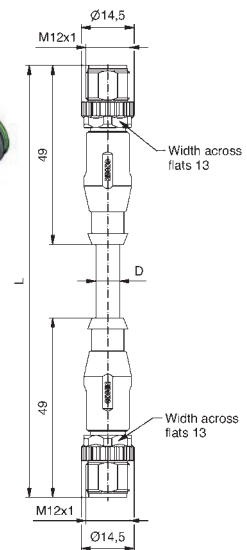


M12x1 INDUSTRIAL ETHERNET 100MHz Connecting cable with 360° Shielding

Male connector axial
Male connector axial

TPU, UL, halogenfree, green, Cat 5e

4	D	160	4	4 x 22	0,3	SAL-12D-RS4.2-RS4.2-0,3 / G6	43-10948
					0,6	SAL-12D-RS4.2-RS4.2-0,6 / G6	43-10949
					1,5	SAL-12D-RS4.2-RS4.2-1,5 / G6	43-10950
					3	SAL-12D-RS4.2-RS4.2-3 / G6	43-10951



M12x1 - RJ45 INDUSTRIAL ETHERNET 100MHz

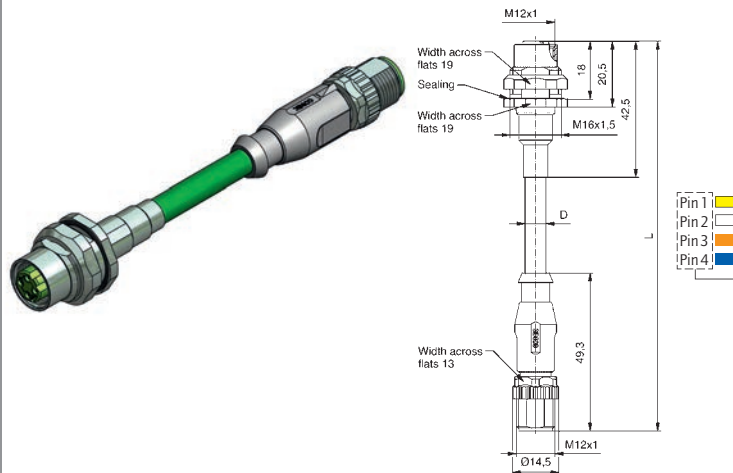
Connecting cable with 360° Shielding

Female socket Back panel mounting
Male connector axial

TPU, UL, halogenfree, green, Cat 5e

Contact assignment

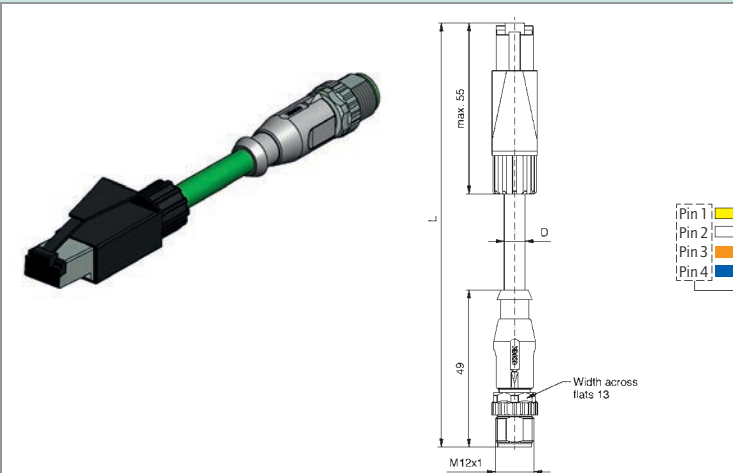
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	D	160	4	1	4 x 22	SAL-12D-FKH4.2-RS4.2-0,5 / G6	43-01672
						SAL-12D-FKH4.2-RS4.2-1 / G6	43-01673
			2			SAL-12D-FKH4.2-RS4.2-2 / G6	43-01674



Male connector RJ45 field attachable
Male connector M12x1 axial, overmoulded

TPU, UL, halogenfree, green, Cat 5e

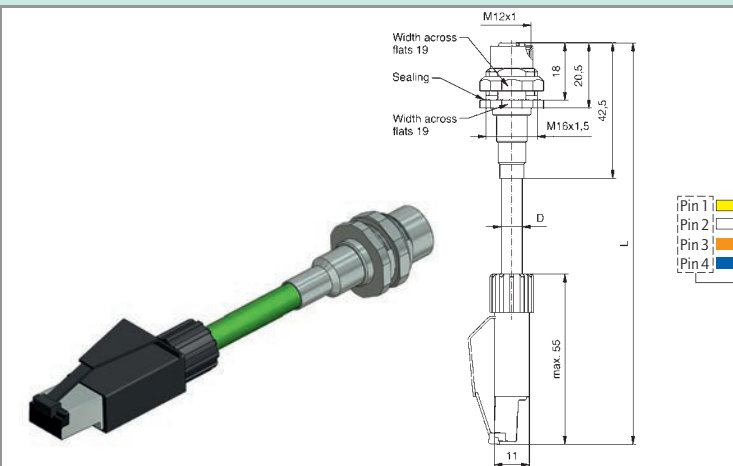
4	D	48	350 mA	4 x 22	0,3	SAL-45-SS4-12D-RS4.2-0,3 / G6	43-12484
					0,6	SAL-45-SS4-12D-RS4.2-0,6 / G6	43-12485
					1,5	SAL-45-SS4-12D-RS4.2-1,5 / G6	43-10996
					3	SAL-45-SS4-12D-RS4.2-3 / G6	43-10997



Male connector RJ45 field attachable
Female socket, Back panel mounting

TPU, UL, halogenfree, green, Cat 5e

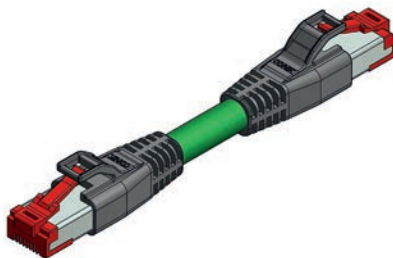
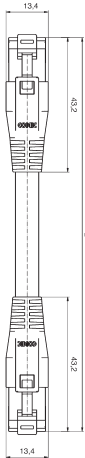
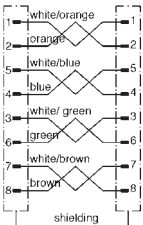
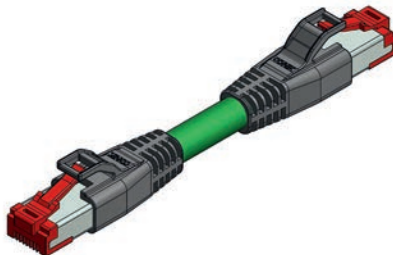
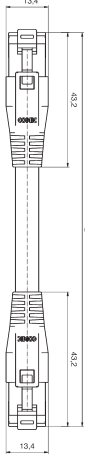
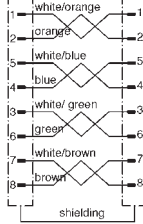
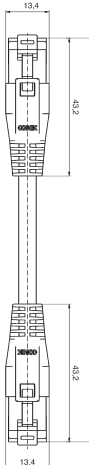
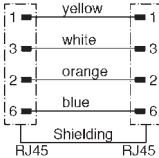
4	D	48	350 mA	4 x 22	0,5	SAL-45-SS4-12D-FKH4.2-0,5 / G6	43-01678
					1	SAL-45-SS4-12D-FKH4.2-1 / G6	43-01679
					2	SAL-45-SS4-12D-FKH4.2-2 / G6	43-01680



RJ45 INDUSTRIAL ETHERNET 100 MHz, AWG 24

Connecting cable , overmoulded

Male connector RJ45 axial
Male connector RJ45 axial

PVC, UL, green, Cat 5e		Contact assignment	Num	Rate	Cur	Cabl	Wire	Description	Part No.
			8	125	1	4 x 2 x 24	0,3	RJ-45-RS8.31- RS8.31-0,3/GAJ/025	17-500720
							0,6	RJ-45-RS8.31- RS8.31-0,6/GAJ/025	17-500721
							1,5	RJ-45-RS8.31- RS8.31-1,5/GAJ/025	17-500722
							3	RJ-45-RS8.31- RS8.31-3/GAJ/025	17-500723
TPU, UL, green, Cat 5e									
			8	125	1	4 x 2 x 24	0,3	RJ-45-RS8.31- RS8.31-0,3/GAF/025	17-500724
							0,6	RJ-45-RS8.31- RS8.31-0,6/GAF/025	17-500725
							1,5	RJ-45-RS8.31- RS8.31-1,5/GAF/025	17-500726
							3	RJ-45-RS8.31- RS8.31-3/GAF/025	17-500727
TPU, green, cULus 20236, Cat 5e									
			4	125	1	4 x 1 x 24	1	RJ-45S-RS8.36- RS8.36-1/GAF/025	17-140013
							2	RJ-45S-RS8.36- RS8.36-2/GAF/025	17-140023
							5	RJ-45S-RS8.36- RS8.36-5/GAF/025	17-140033
							10	RJ-45S-RS8.36- RS8.36-10/GAF/025	17-140043

RJ45 – INDUSTRIAL ETHERNET 100 MHz, AWG 26

Connecting cable, overmoulded

Male connector M8x1 axial
Male connector M8x1 axial

TPU, green, cULus 20236, Cat 5e

Contact assignment

Number of poles

Coding

Rated voltage [V]

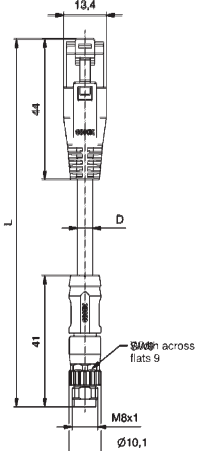
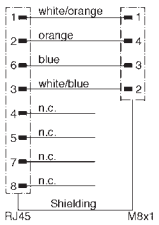
Current rating [A]

Cable length = L [m]

Wire cross section [AWG]

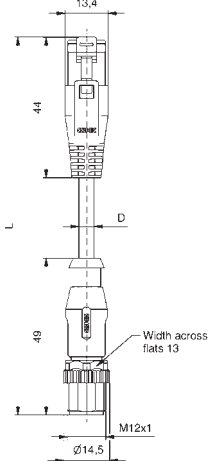
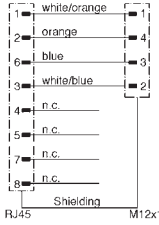
Description

Part No.

  	0,3	SAL-45S-RS8.33-8D-RS4.24-0,3/GD/014	42-13316
	1,5	SAL-45S-RS8.33-8D-RS4.24-1,5/GD/014	42-13317

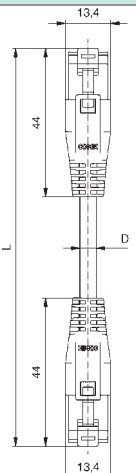
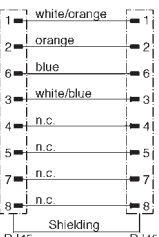
Male connector RJ45 axial
Male connector M12x1 axial

TPU, green, cULus 20236, Cat 5e

  	0,3	SAL-45S-RS8.33-12D-RS4.24-0,3/GD/014	43-18908
	1,5	SAL-45S-RS8.33-12D-RS4.24-1,5/GD/014	43-18909

Male connector RJ45 axial
Male connector RJ45 axial

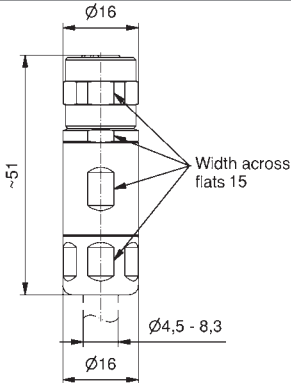
TPU, green, cULus 20236, Cat 5e

  	0,3	RJ-45S-RS8.33-RS8.33-0,3/GD/014	43-18910
	1,5	RJ-45S-RS8.33-RS8.33-1,5/GD/014	43-18911

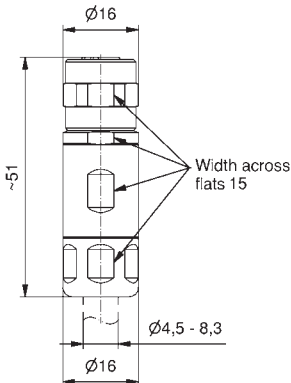
M12x1 INDUSTRIAL ETHERNET 100MHz FIELD ATTACHABLE
360° Shielding

Crimp termination

Female connetor axial

		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer Ø cable [mm]	Wire cross section min-max [mm²]	Description	Part No.
 		4	D	250	4	4,5 - 8,3	0,25 - 1,0	SAL-12D-RKC4-C/100	43-00416

Male connector axial

 		4	D	250	4	4,5 - 8,3	0,25 - 1,0	SAL-12D-RSC4-C/100	43-00417
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M12x1 INDUSTRIAL ETHERNET 100MHz
Sockets

Front panel mounting, Wire termination

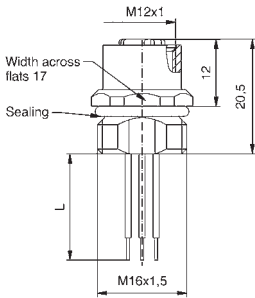
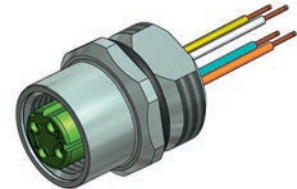
Female connector, M16x1.5 thread

Contact assignment

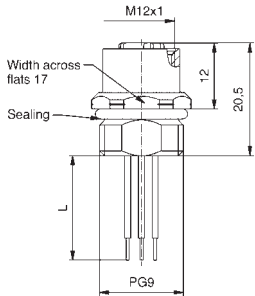
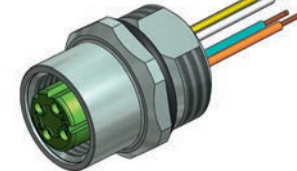
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire cross section [AWG]	Wire length = l [mm]	Description	Part No.
4	D	250	4	PVC	22	0,5	SAL-12D-FK4.2-0,5	43-01044

Female connector, PG9 thread

4	D	250	4	PVC	22	0,5	SAL-12D-FK4.2-0,5-9	43-01111
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- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

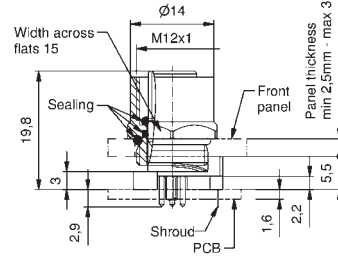


- Pin 1 ■
- Pin 2 ■
- Pin 3 ■
- Pin 4 ■

M12x1 INDUSTRIAL ETHERNET 100MHz Sockets

Front panel mounting, Dip solder termination

Two-piece female connector, axial with shroud, installation height 5.5 mm



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

D

250

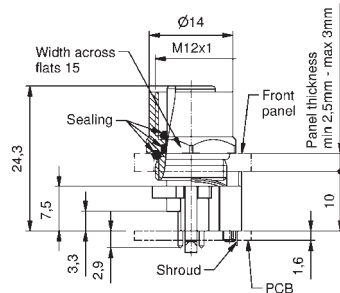
4

5,5

SAL-12D-FK4-X5,5

43-01222

Two-piece female connector, axial with shroud, installation height 10 mm



4

D

250

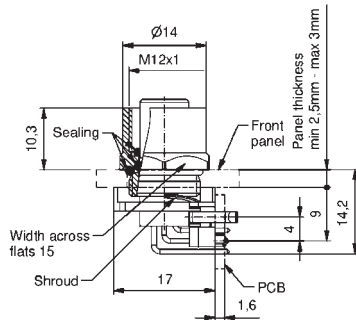
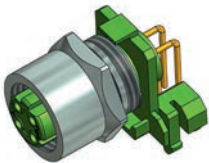
4

10

SAL-12D-FK4-X10

43-01220

Two-piece female connector, angled with shroud



4

D

250

4

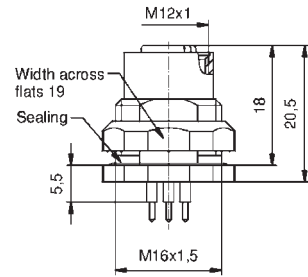
SAL-12D-FKW4

43-01228

M12x1 INDUSTRIAL ETHERNET 100MHz Sockets

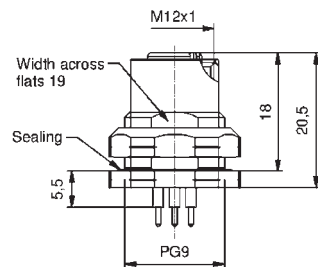
Back panel mounting, Dip solder termination

Female connector, M16x1.5 thread



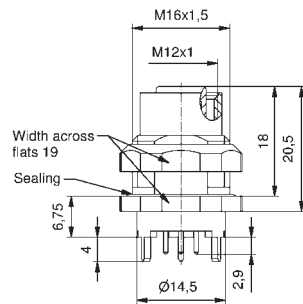
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
4	D	250	4	5,5	SAL-12D-FKH4-P5,5	43-01157
4	D	250	4	12	SAL-12D-FKH4-P12	43-01118

Female connector, PG9 thread



4	D	250	4	5,5	SAL-12D-FKH4-P5,5-9	43-01236
4	D	250	4	12	SAL-12D-FKH4-P12-9	43-01248

Female connector with shielded connection, M16x1.5 thread

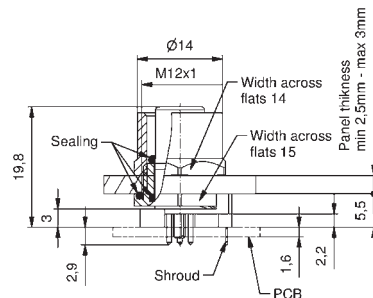


4	D	250	4	6,75	SAL-12D-FKH4-P6,75	43-01690
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M12x1 INDUSTRIAL ETHERNET 100MHz Sockets

Back panel mounting, Dip solder termination

Two-piece female connector, axial with shroud, installation height 5,5 mm



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

4

D

250

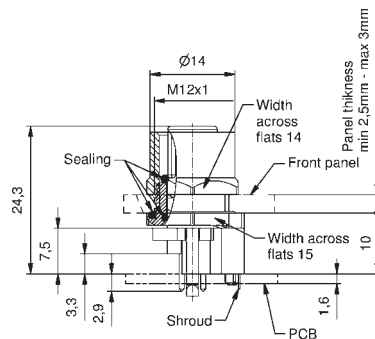
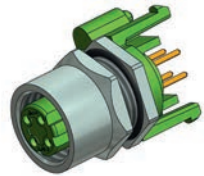
4

5,5

SAL-12D-FKH4-X5,5

43-01223

Two-piece female connector, axial with shroud, installation height 10 mm



4

D

250

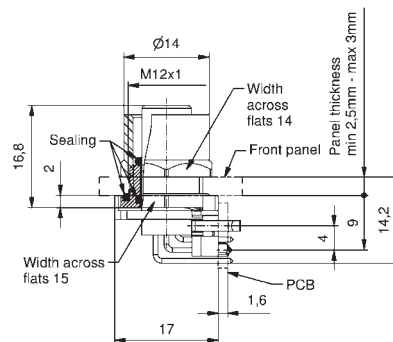
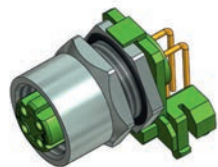
4

10

SAL-12D-FKH4-X10

43-01221

Two-piece female connector, angled with shroud



4

D

250

4

SAL-12D-FKH4

43-01229

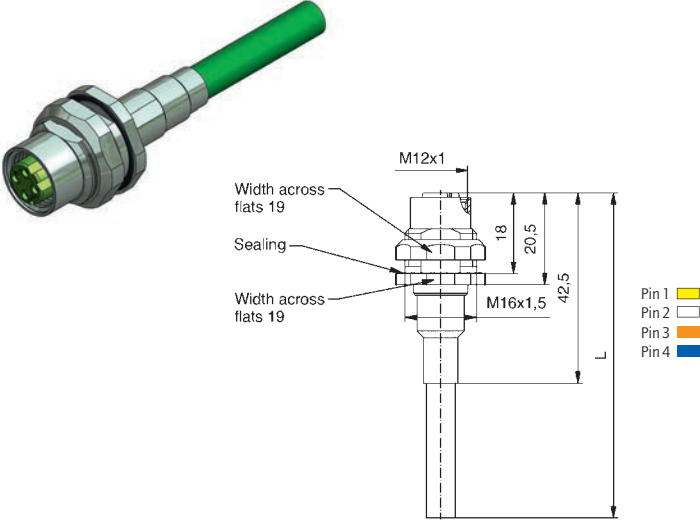
M12x1 INDUSTRIAL ETHERNET 100MHz

Sockets with 360° shielding

Back panel mounting with cable

Female connector M16x1.5 thread, TPU, UL, halogenfree, green, Cat 5e

Contact assignment

		Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
		4	D	160	4	0,5	4 x 22	SAL-12D-FKH4.2-0,5/ G6	43-01660
		4	D	160	4	1	4 x 22	SAL-12D-FKH4.2-1/ G6	43-01661
		4	D	160	4	2	4 x 22	SAL-12D-FKH4.2-2/ G6	43-01662

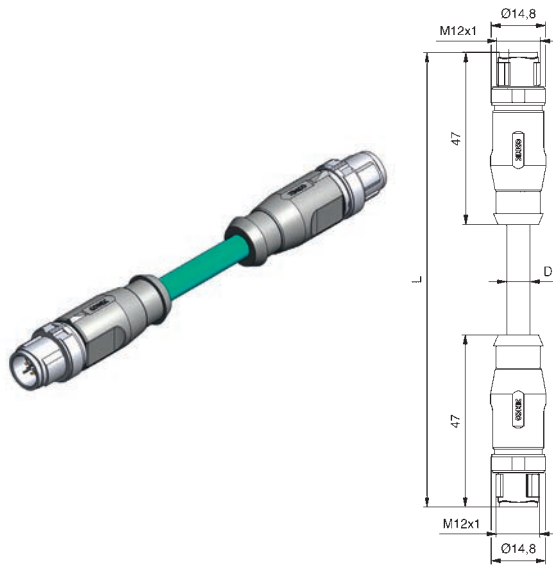
M12x1 ETHERNET 10 Gbit/s OVERMOULDED Connecting cable

Male connector axial
Male connector axial

TPU, waterblue, S-FTP

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
8	X	48	0,5	1	4 x 2 x 26/7	SAL-12X-RS8.8-RS8.8-1 / GG	43-15364
				2		SAL-12X-RS8.8-RS8.8-2 / GG	43-15365
				5		SAL-12X-RS8.8-RS8.8-5 / GG	43-15366
				10		SAL-12X-RS8.8-RS8.8-10 / GG	43-15367

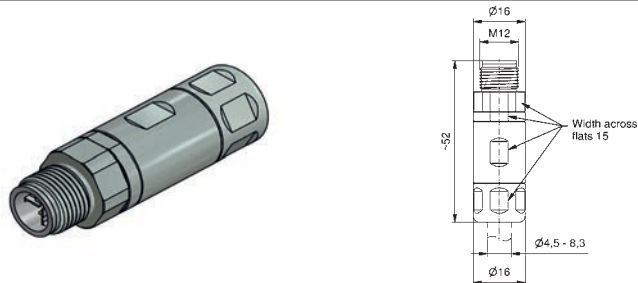


M12x1 ETHERNET 10 Gbit/s FIELD ATTACHABLE

Crimp termination

Male connector, axial

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Outer Ø cable [mm]	Wire cross section min-max [AWG]	Description	Part No.
8	X	48	0,5	4,5 - 8,3	28 - 22	SAL-12X-RSC8-C/034	43-00418

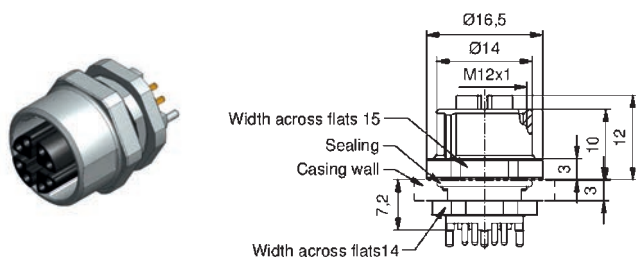


M12x1 ETHERNET 10 Gbit/s SOCKETS

Front panel mounting, Dip solder termination

Female connector, installation height 7.2 mm

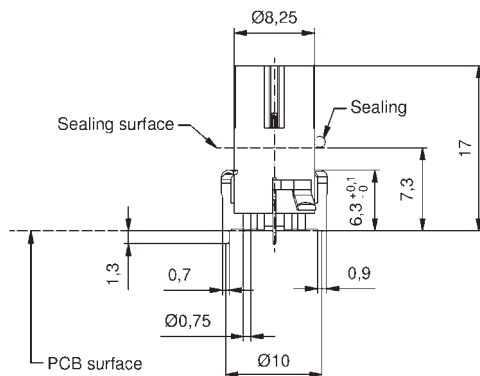
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Installation height [mm]	Description	Part No.
8	X	48	0,5	7,2	SAL-12X-FK8.8-X7,2-12	43-01847



M12x1 ETHERNET 10 Gbit/s Sockets SMT

Front panel mounting

Insulation body SMT



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

8

X

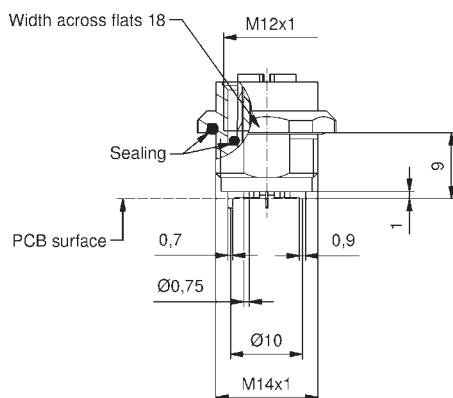
48

0,5

SAL-12X-1K8/SMT

43-02362

Female connector SMT, installation height 9 mm



8

X

48

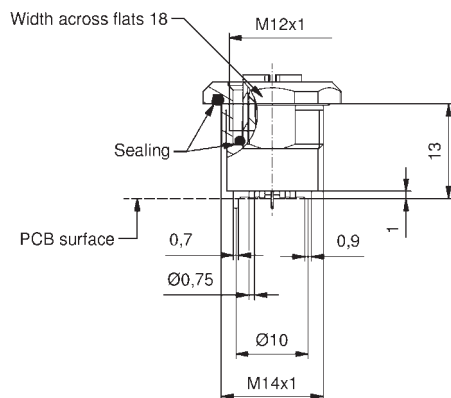
0,5

9

SAL-12X-FK8-X9/
SMT

43-02757

Female connector SMT, installation height 13 mm



8

X

48

0,5

13

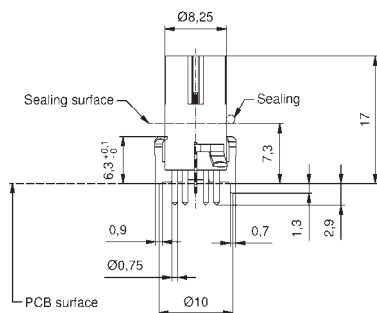
SAL-12X-FK8-X13/
SMT

43-02759

M12x1 ETHERNET 10 Gbit/s Sockets THR

Front panel mounting

Insulation body THR



Number of poles

Coding

Rated voltage [V]

Current rating [A]

Installation height [mm]

Description

Part No.

8

X

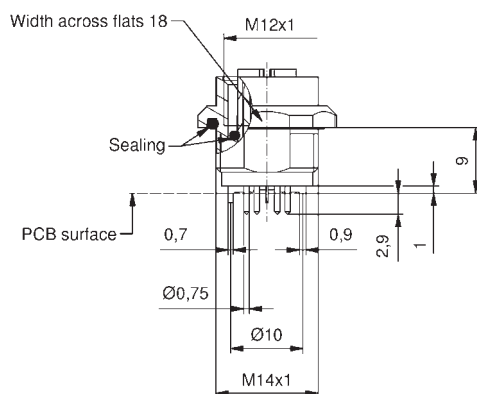
48

0,5

SAL-12X-1K8/THR

43-02363

Female connector THR, installation height 9 mm



8

X

48

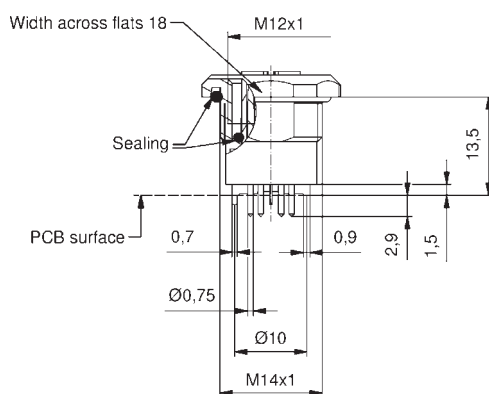
0,5

9

SAL-12X-FK8-X9/
THR

43-02758

Female connector THR, installation height 13 mm



8

X

48

0,5

13

SAL-12X-FK8-X13/
THR

43-02760

M12x1 CONEC ETHERCORD

Connecting cable with 360° shielding

Male connector axial
Male connector axial

PVC, UL, green, Cat 5e

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
8	A	30	1	4 x 2 x 24	0,3	SAL-12S-RS8.23-RS8.23-0,3/GAJ	43-16998
					0,6	SAL-12S-RS8.23-RS8.23-0,6/GAJ	43-16999
					1,5	SAL-12S-RS8.23-RS8.23-1,5/GAJ	43-17000
					3	SAL-12S-RS8.23-RS8.23-3/GAJ	43-17001

TPU, UL, green, Cat 5e

8	A	30	1	4 x 2 x 24	0,3	SAL-12S-RS8.23-RS8.23-0,3/GAF	43-17002
					0,6	SAL-12S-RS8.23-RS8.23-0,6/GAF	43-17003
					1,5	SAL-12S-RS8.23-RS8.23-1,5/GAF	43-17004
					3	SAL-12S-RS8.23-RS8.23-3/GAF	43-17005

RJ45 – M12x1 CONEC ETHERCord

Connecting cable with 360° shielding

Male connector RJ45 axial
Male connector M12x1 axial

PVC, UL green, Cat 5e

Contact assignment

Number of poles

Coding

Rated voltage [V]

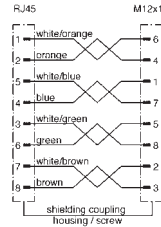
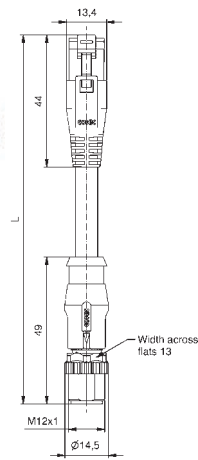
Current rating [A]

Cable length = L [m]

Wire cross section [AWG]

Description

Part No.



8

A

30

1

0,3

0,6

1,5

3

4 x 2 x 24

SAL-45S-RS8.31-12S-RS8.23-0,3/GAJ

43-18411

SAL-45S-RS8.31-12S-RS8.23-0,6/GAJ

43-18412

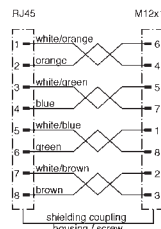
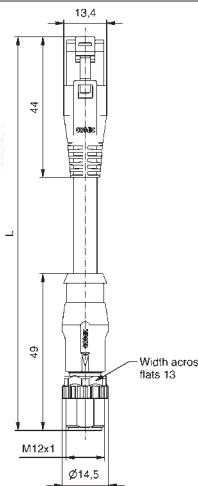
SAL-45S-RS8.31-12S-RS8.23-1,5/GAJ

43-18413

SAL-45S-RS8.31-12S-RS8.23-3/GAJ

43-18414

TPU, UL, green, Cat 5e



8

A

30

1

0,3

0,6

1,5

3

4 x 2 x 24

SAL-45S-RS8.31-12S-RS8.23-0,3/GAF

43-18415

SAL-45S-RS8.31-12S-RS8.23-0,6/GAF

43-18416

SAL-45S-RS8.31-12S-RS8.23-1,5/GAF

43-18417

SAL-45S-RS8.31-12S-RS8.23-3/GAF

43-18382

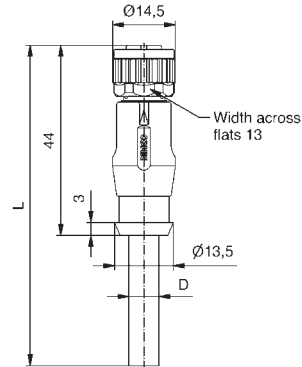
M12x1 DEVICENET OVERMOULDED

Female connector axial

PVC, UL, grey

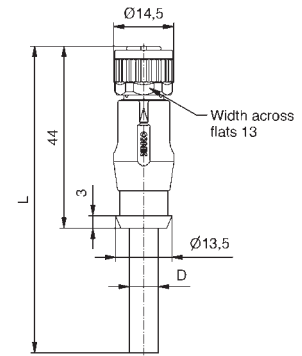
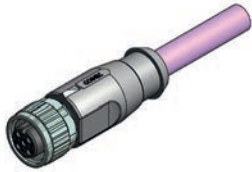
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
5	A	60	4	2	2 x 22 + 2 x 23	SAL-DN-12-RK5.3-2 / GC	43-12508
				3		SAL-DN-12-RK5.3-3 / GC	43-12509
				5		SAL-DN-12-RK5.3-5 / GC	43-12510
				10		SAL-DN-12-RK5.3-10 / GC	43-12511



- Pin 1 (Schirm/shielding)
 Pin 2 (+)
 Pin 3 (-)
 Pin 4 (CAN H)
 Pin 5 (CAN L)

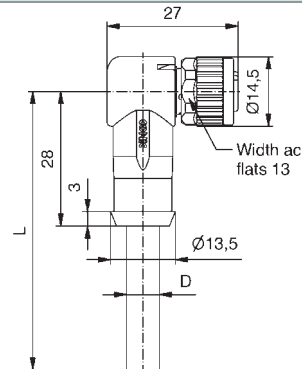
TPU, UL, violet



- Pin 1 (Schirm/shielding)
 Pin 2 (+)
 Pin 3 (-)
 Pin 4 (CAN H)
 Pin 5 (CAN L)

Female connector angled

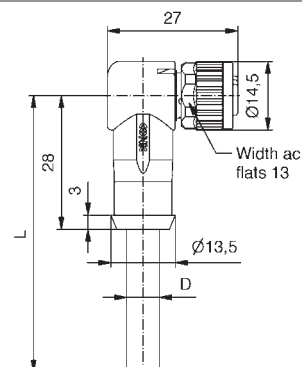
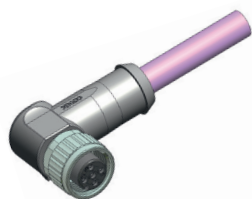
PVC, UL, grey



- Pin 1 (Schirm/shielding)
 Pin 2 (+)
 Pin 3 (-)
 Pin 4 (CAN H)
 Pin 5 (CAN L)

5	A	60	4	2	2 x 22 + 2 x 23	SAL-DN-12-RKW5.3-2 / GC	43-12516
				3		SAL-DN-12-RKW5.3-3 / GC	43-12517
				5		SAL-DN-12-RKW5.3-5 / GC	43-12518
				10		SAL-DN-12-RKW5.3-10 / GC	43-12519

TPU, UL, violet



- Pin 1 (Schirm/shielding)
 Pin 2 (+)
 Pin 3 (-)
 Pin 4 (CAN H)
 Pin 5 (CAN L)

5	A	60	4	2	2 x 22 + 2 x 23	SAL-DN-12-RKW5.3-2 / GJ	43-12520
				3		SAL-DN-12-RKW5.3-3 / GJ	43-12521
				5		SAL-DN-12-RKW5.3-5 / GJ	43-12522
				10		SAL-DN-12-RKW5.3-10 / GJ	43-12523

M12x1 DEVICENet OVERMOULDED

Male connector axial

PVC, UL, grey

Contact assignment

Number of poles

Coding

Rated voltage [V]

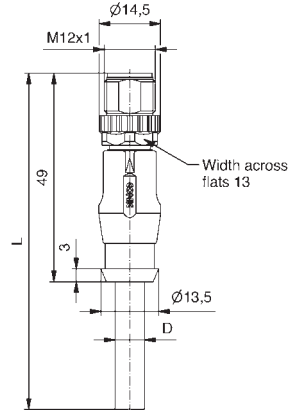
Current rating [A]

Cable length = L [m]

Wire cross section [AWG]

Description

Part No.



Pin 1 (Schirm/shielding)
Pin 2 (+)
Pin 3 (-)
Pin 4 (CAN H)
Pin 5 (CAN L)

5

A

60

4

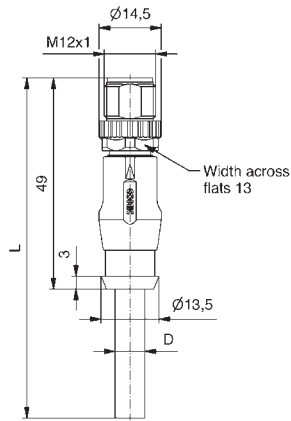
2
3
5
10

2 x 22 + 2 x 23

SAL-DN-12-RS5.3-2/GC
SAL-DN-12-RS5.3-3/GC
SAL-DN-12-RS5.3-5/GC
SAL-DN-12-RS5.3-10/GC

43-12500
43-12501
43-12502
43-12503

TPU, UL, violet



Pin 1 (Schirm/shielding)
Pin 2 (+)
Pin 3 (-)
Pin 4 (CAN H)
Pin 5 (CAN L)

5

A

60

4

2
3
5
10

2 x 22 + 2 x 23

SAL-DN-12-RS5.3-2/GJ
SAL-DN-12-RS5.3-3/GJ
SAL-DN-12-RS5.3-5/GJ
SAL-DN-12-RS5.3-10/GJ

43-12504
43-12505
43-12506
43-12507

M12x1 DEVICENET OVERMOULDED Connecting cable

Female connector axial
Male connector axial

PVC, UL, grey

Contact assignment

Number of poles

Coding

Rated voltage [V]

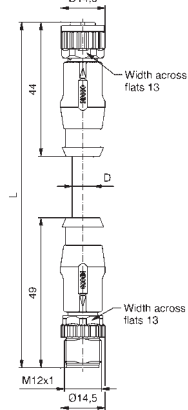
Current rating [A]

Cable length = L [m]

Wire cross section [AWG]

Description

Part No.



Pin 1 (Schirm/shielding)
Pin 2 (+)
Pin 3 (-)
Pin 4 (CAN H)
Pin 5 (CAN L)

5

A

60

4

0,3

2 x 22 + 2 x 23

SAL-DN-12-RK5.3-RS5.3-0,3 / GC

43-12524

SAL-DN-12-RK5.3-RS5.3-0,6 / GC

43-12525

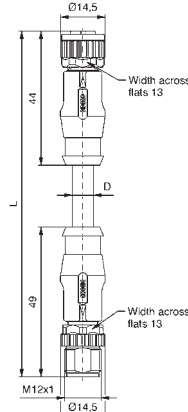
SAL-DN-12-RK5.3-RS5.3-1,5 / GC

43-12526

SAL-DN-12-RK5.3-RS5.3-3 / GC

43-12527

TPU, UL, violet



Pin 1 (Schirm/shielding)
Pin 2 (+)
Pin 3 (-)
Pin 4 (CAN H)
Pin 5 (CAN L)

5

A

60

4

0,3

2 x 22 + 2 x 23

SAL-DN-12-RK5.3-RS5.3-0,3 / GJ

43-12528

SAL-DN-12-RK5.3-RS5.3-0,6 / GJ

43-12529

SAL-DN-12-RK5.3-RS5.3-1,5 / GJ

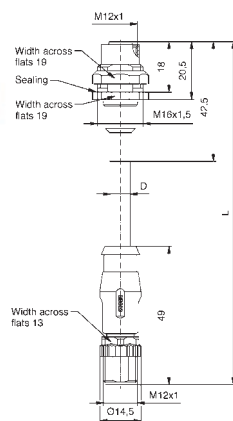
43-12530

SAL-DN-12-RK5.3-RS5.3-3 / GJ

43-12531

Female socket, Back panel mounting, with cable
Male connector, axial, overmoulded

TPU, UL, violet



Pin 1 (Schirm/shielding)
Pin 2 (+)
Pin 3 (-)
Pin 4 (CAN H)
Pin 5 (CAN L)

5

A

60

4

0,5

2 x 22 + 2 x 23

SAL-DN-12-FKH5.3-RS5.3-0,5 / GJ

43-01666

SAL-DN-12-FKH5.3-RS5.3-1 / GJ

43-01667

SAL-DN-12-FKH5.3-RS5.3-2 / GJ

43-01668

M12x1 – 7/8" DEVICENet OVERMOULDED

Connecting cable

Female connector M12x1 axial
Male connector 7/8" axial

PVC, UL, grey

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
5	A	60	4	2 x 22 + 2 x 23	0,3	SAL-DN-12-RK5.3-7/8-RS5.3-0,3 / GC	43-12532
						SAL-DN-12-RK5.3-7/8-RS5.3-0,6 / GC	43-12533
						SAL-DN-12-RK5.3-7/8-RS5.3-1,5 / GC	43-12534
						SAL-DN-12-RK5.3-7/8-RS5.3-3 / GC	43-12535

TPU, UL, violet

Contact assignment

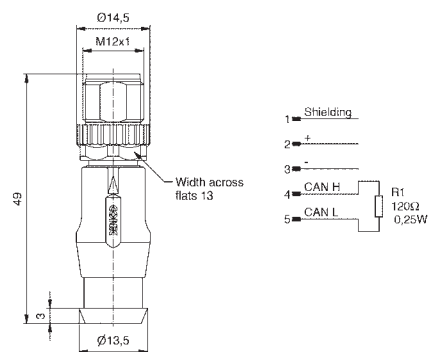
5	A	60	4	2 x 22 + 2 x 23	0,3	SAL-DN-12-RK5.3-7/8-RS5.3-0,3 / GJ	43-12536
						SAL-DN-12-RK5.3-7/8-RS5.3-0,6 / GJ	43-12537
						SAL-DN-12-RK5.3-7/8-RS5.3-1,5 / GJ	43-12538
						SAL-DN-12-RK5.3-7/8-RS5.3-3 / GJ	43-12539

M12x1 DEVICENet OVERMOULDED

Terminating plug

Contact assignment

Number of poles	Coding	Rated voltage [V]	Description	Part No.
5	A	60	SAL-DN-12-RSA5.3	43-12642



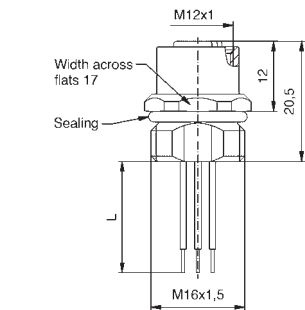
M12x1 DEVICE NET SOCKETS

Front panel mounting, Wire termination

Female connector, M16x1.5 thread

Contact assignment

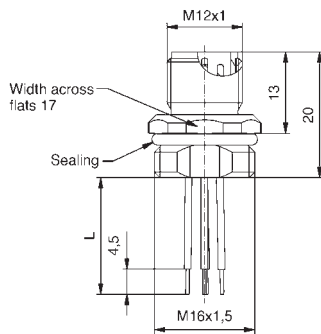
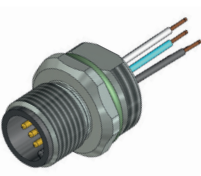
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire length = L [mm]	Wire cross section [AWG]	Description	Part No.
5	A	60	4	PVC	0,5	24	SAL-DN-12-FK5.3-0,5	43-01367



- Pin 1 (Schirm/shielding)
- Pin 2 (+)
- Pin 3 (-)
- Pin 4 (CAN H)
- Pin 5 (CAN L)

Male connector, M16x1.5 thread

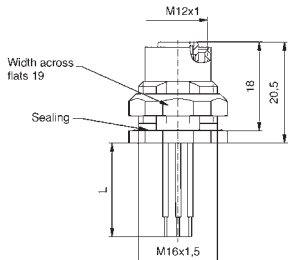
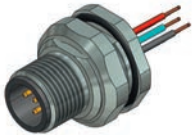
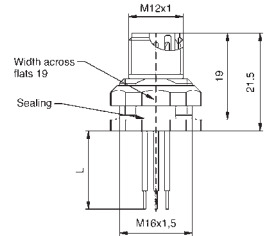
5	A	60	4	PVC	0,5	24	SAL-DN-12-FS5.3-0,5	43-02527
---	---	----	---	-----	-----	----	---------------------	----------



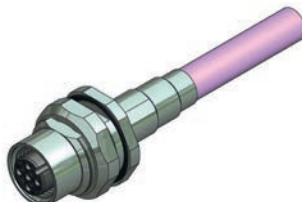
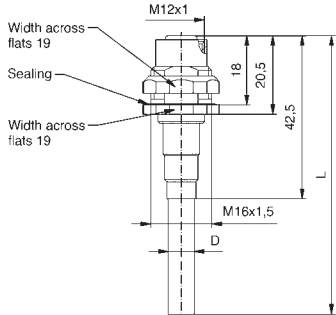
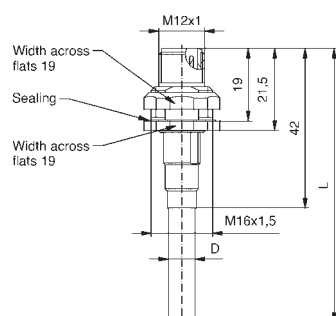
- Pin 1 (Schirm/shielding)
- Pin 2 (+)
- Pin 3 (-)
- Pin 4 (CAN H)
- Pin 5 (CAN L)

M12x1 DEVICENET SOCKETS

Back panel mounting, Wire termination

Female connector, M16x1.5 thread		Contact assignment	Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire-/ Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
  Pin 1  (Schirm/shielding) Pin 2  (+) Pin 3  (-) Pin 4  (CAN H) Pin 5  (CAN L)			5	A	60	4	PVC	0,5	24	SAL-DN-12-FKH5.3-0,5	43-02246
Male connector, M16x1,5 thread											
  Pin 1  (Schirm/shielding) Pin 2  (+) Pin 3  (-) Pin 4  (CAN H) Pin 5  (CAN L)			5	A	60	4	PVC	0,5	24	SAL-DN-12-FSH5.3-0,5	43-01368

Back panel mounting with cable

Female connector, M16x1.5 thread, TPU, UL, violet											
  Pin 1  (Schirm/shielding) Pin 2  (+) Pin 3  (-) Pin 4  (CAN H) Pin 5  (CAN L)			5	A	60	4		0,5		SAL-DN-12-FKH5.3-0,5/GJ	43-01642
								1	2 x 22 + 2 x 23	SAL-DN-12-FKH5.3-1/GJ	43-01643
								2		SAL-DN-12-FKH5.3-2/GJ	43-01644
Male connector, M16x1.5 thread, TPU, UL, violet											
  Pin 1  (Schirm/shielding) Pin 2  (+) Pin 3  (-) Pin 4  (CAN H) Pin 5  (CAN L)			5	A	60	4		0,5		SAL-DN-12-FSH5.3-0,5/GJ	43-01645
								1	2 x 22 + 2 x 23	SAL-DN-12-FSH5.3-1/GJ	43-01646
								2		SAL-DN-12-FSH5.3-2/GJ	43-01647

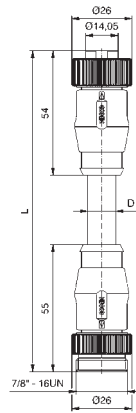
7/8" DEVICENET OVERMOULDED Connecting cable

Female connector axial
Male connector axial

PVC, UL, grey

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
5	A	300	5,2	5	2 x 15 + 2 x 18	SAL-DN-7/8-RK5.3-RS5.3-5/GC	41-01382
				10		SAL-DN-7/8-RK5.3-RS5.3-10/GC	41-01383
				20		SAL-DN-7/8-RK5.3-RS5.3-20/GC	41-01384

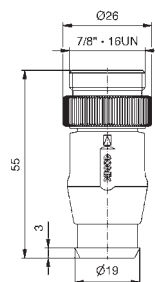


Pin 1 (Schirm/shielding)
Pin 2 (+)
Pin 3 (-)
Pin 4 (CAN H)
Pin 5 (CAN L)

7/8" DEVICENET OVERMOULDED

Termination plug

Male connector axial



1 Shielding
2 +
3 -
4 CAN H
5 CAN L
R1 120Ω 0.25W

5	A	24				SAL-DN-7/8-RSA5.3	41-01304
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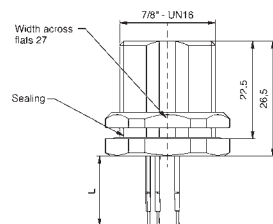
7/8" DEVICENET SOCKETS

Back panel mounting, wire termination

Male connector, M16x1.5 thread

Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire length = L [mm]	Wire cross section [AWG]	Description	Part No.
5	A	300	10	PVC	0,5	18	SAL-DN-7/8-FSH5.3-0,5	41-40027



Pin 1 (Schirm/shielding)
Pin 2 (+)
Pin 3 (-)
Pin 4 (CAN H)
Pin 5 (CAN L)

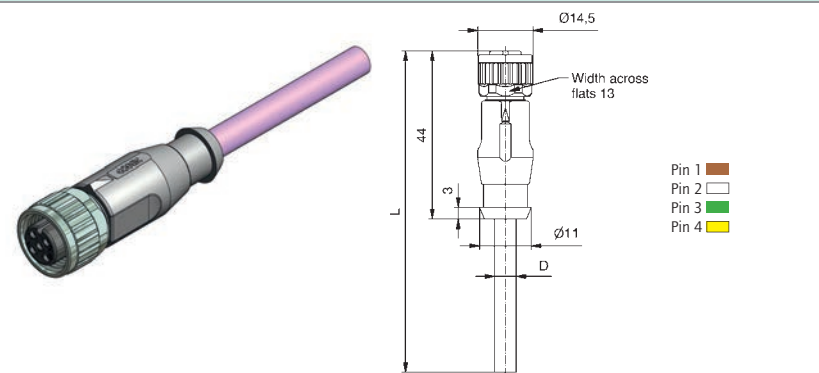
M12x1 CAN-BUS OVERMOULDED

Female connector axial

PVC violet

Contact assignment

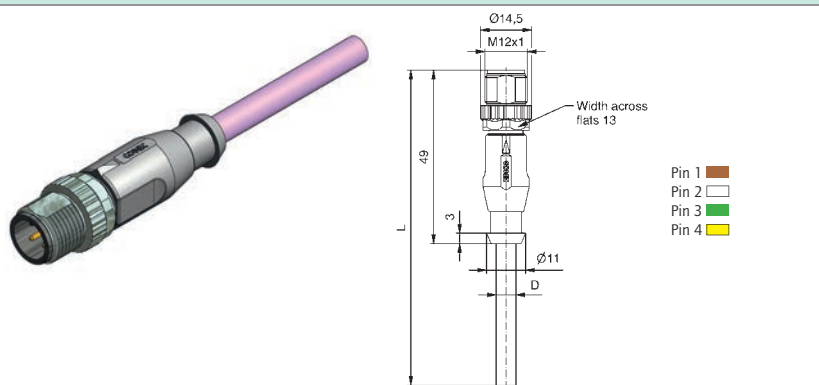
Number of poles	Coding	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Wire cross section [AWG]	Description	Part No.
4	A	60	4	2	2 x 2 x 24	SAL-CN-12S-RK4.41-2 / GU	43-14380
				3		SAL-CN-12S-RK4.41-3 / GU	43-14381
				5		SAL-CN-12S-RK4.41-5 / GU	43-14382
				10		SAL-CN-12S-RK4.41-10 / GU	43-14383



Male connector axial

PVC violet

4	A	60	4	2	2 x 2 x 24	SAL-CN-12S-RS4.41-2 / GU	43-14384
				3		SAL-CN-12S-RS4.41-3 / GU	43-14385
				5		SAL-CN-12S-RS4.41-5 / GU	43-14386
				10		SAL-CN-12S-RS4.41-10 / GU	43-14387



M12x1 CAN-BUS OVERMOULDED

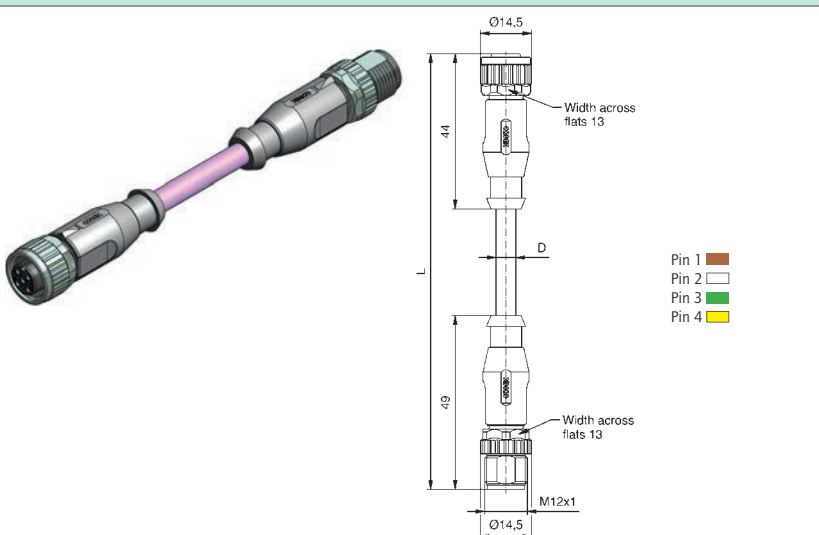
Connecting cable

Female connector axial

Male connector axial

PVC, UL, violet

4	A	60	4	0,3	2 x 2 x 24	SAL-CN-12S-RK4.41-RS4.41-0,3 / GU	43-14388
				0,6		SAL-CN-12S-RK4.41-RS4.41-0,6 / GU	43-14389
				1,5		SAL-CN-12S-RK4.41-RS4.41-1,5 / GU	43-14390
				3		SAL-CN-12S-RK4.41-RS4.41-3 / GU	43-14391



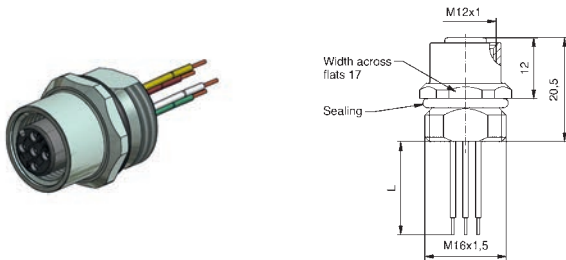
M12x1 CAN-BUS OVERMOULDED SOCKETS

Front panel mounting, Wire termination

Female connector, M16x1.5 thread

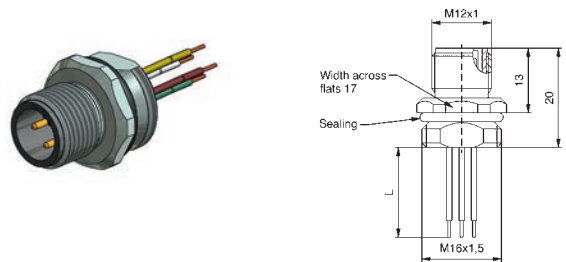
Contact assignment

Number of poles	Coding	Rated voltage [V]	Current rating [A]	Wire material	Wire length = L [mm]	Wire cross section [AWG]	Description	Part No.
4	A	250	4	PVC	0,5	24	SAL-CN-12-FK4.41-0,5	43-01703



Male connector, M16x1.5 thread

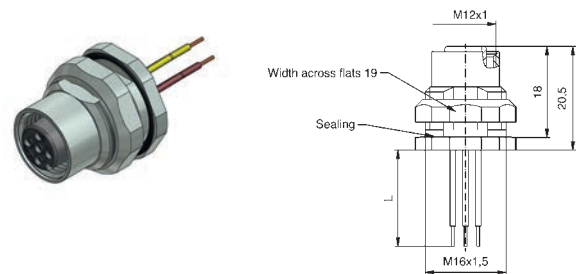
4	A	250	4	PVC	0,5	24	SAL-CN-12-FS4.41-0,5	43-01704
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Back panel mounting, Wire termination

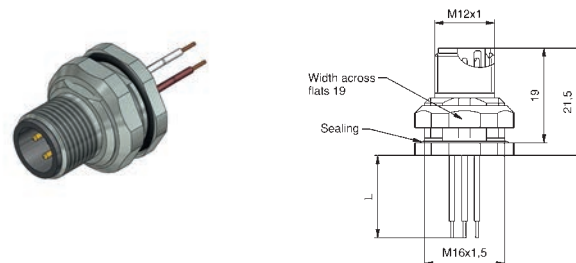
Female connector, M16x1.5 thread

4	A	250	4	PVC	0,5	24	SAL-CN-12-FKH4.41-0,5	43-02347
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Male connector, M16x1.5 thread

4	A	250	4	PVC	0,5	24	SAL-CN-12-FSH4.41-0,5	43-02348
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SECTION 10

JUNCTION SYSTEMS





SAL M8x1/M12x1 Y-SPLITTER

Nomenclature

S A L - 1 2 - Y S 4 - 8 - 2 R K 3 - 03 / 03 / 03 K1

SAL
Sensor Actor Line

CONNECTION

Installation size

8 = M8x1
12 = M12x1

Coding

= A-coding (M12x1)
Standard (M8x1)

Design

Y = Y-Splitter
YR = Y-Splitter with cable

Gender

S = Male connector
K = Female connector

Number of poles

3 = 3-pos. 5 = 5-pos.
4 = 4-pos. 8 = 8-pos.

ALLOCATION

Installation size

8 = M8x1
12 = M12x1

Coding

= A-coding

Quantity

2 = 2 I/O-ports

Design

R = Circular connector
Y = Y-Splitter

Gender

K = Female connector
S = Male connector

Configuration

= axial
W = angled

Number of poles

3 = 3-pos. 5 = 5-pos.
4 = 4-pos. 8 = 8-pos.

Cable length

XX/XX/XX= Length [m]

Cable quality

K1 = TPU, black, high flexible, halogenfree, UL

SAL M8x1 / M12x1 Y-SPLITTER

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	TPU GF, UL 94 / PA, UL
Overmould	TPU, UL 94, grey
Sealing	FPM
Coupling nut/-screw	GD-Zn, Ni

Technical Data		
Information on the following pages are basing on below mentioned IEC-standards.		
	M8	M12
Rated voltage	IEC 61076-2-104	IEC 61076-2-101
Current rating	IEC 61076-2-104	IEC 61076-2-101
Insulation resistance	IEC 60512	IEC 60512
Degree of pollution	IEC 60664-1	IEC 60664-1
Degree of protection	IEC 60529	IEC 60529
Mating cycles	IEC 60512-9a	IEC 60512-9a

Recommended torque M8: 0.4 Nm at SW 9

Recommended torque M12: 0.6 Nm at SW 13

Technical subject to change without notice.

SAL M8x1/M12x1 DUO-SPLITTER

Nomenclature

S A L - 1 2 - D S 4 - 8 - 2 R K - 3 - 03 / 03 / K1

SAL
Sensor Actor Line

CONNECTION

Installation size

8 = M8x1
12 = M12x1

Coding

= A-coding (M12x1), Standard (M8x1)

Design

D = DUO-Splitter

Gender

S = Male connector
K = Female connector

Number of poles

3 = 3-pos.
4 = 4-pos.
5 = 5-pos.

ALLOCATION

Installation size

8 = M8x1
12 = M12x1

Coding

= A-coding

Quantity

2 = 2 I/O-ports

Design

R = Circular connector with cable
D = DUO-Splitter

Gender

K = Female connector
S = Male connector

Building

= Axial
W = Angled

Number of poles

3 = 3-pos.
4 = 4-pos.
5 = 5-pos.

Cable length

XX/XX = Length [m]

Cable quality

K1 = TPU, black, high flexible, halogenfree, UL

SAL M8x1 / M12x1 DUO-SPLITTER

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	TPU GF, UL 94 / PA, UL
Overmould	TPU, UL 94, grey
Sealing	FPM
Coupling nut/-screw	Cu-Zn, nickel plated

Technical Data		
Information on the following pages are basing on below mentioned IEC-standards.		
	M8	M12
Rated voltage	IEC 61076-2-104	IEC 61076-2-101
Current rating	IEC 61076-2-104	IEC 61076-2-101
Insulation resistance	IEC 60512	IEC 60512
Degree of pollution	IEC 60664-1	IEC 60664-1
Degree of protection	IEC 60529	IEC 60529
Mating cycles	IEC 60512-9a	IEC 60512-9a

Recommended torque M8: 0.4 Nm at SW 9

Recommended torque M12: 0.6 Nm at SW 13

Technical subject to change without notice.

SAL M8x1/M12x1/7/8" T-SPLITTER/ADAPTER

Nomenclature

S A L - 1 2 - T S E 4 - T K E 4 - - R K E 4 - 0,3 / A1

SAL
Sensor Actor Line

CONNECTION

Installation size

12 = M12x1
7/8 = 7/8"

Coding

= A-coding

Design

T = T-Junction

Gender

S = Male connector
K = Female connector

Design

E = with stainless steel coupling nut/screw

Number of poles

2PE = 2-pos. + PE 5 = 5-pos.
4 = 4-pos. 8 = 8-pos.
4PE = 4-pos. + PE

ALLOCATION

Design

T = Circular connector

Configuration

K = Female connector
S = Male connector

Design

E = with stainless steel coupling nut/screw

Number of poles

2PE = 2-pos. + PE 5 = 5-pos.
4 = 4-pos. 8 = 8-pos.
4PE = 4-pos. + PE

Installation size

8 = M8x1
= M12x1

Design

R = Circular connector
T = T-Junction

Gender

K = Female connector
S = Male connector

Design

E = with stainless steel coupling nut/screw

Number of poles

2PE = 2-pos. + PE 5 = 5-pos.
4 = 4-pos. 8 = 8-pos.
4PE = 4-pos. + PE

Cable length

XX = Length [m]

Cable quality

A1 = PVC, grey
K1 = TPU, black, high flexible, halogenfree, UL

SAL M8x1/M12x1/7/8" T-SPLITTER/ADAPTER

Product specification

Basic material	
Contact	CuZn
Contact plating	Nickel plated, gold plated
Contact carrier	TPU GF, UL / PA, UL
Overmould	TPU, UL 94, grey
Sealing	FPM (M8x1, M12x1)
Coupling nut/-screw	GD-Zn / Stainless steel

Technical Data			
Information on the following pages are basing on below mentioned IEC-standards.			
	M8	M12	7/8"
Rated voltage	IEC 61076-2-104	IEC 61076-2-101	IEC 60664-1
Overvoltage category			IEC 60664-1 2
Current rating	IEC 61076-2-104	IEC 61076-2-101	IEC 60512-3
Insulation resistance	IEC 60512	IEC 60512	IEC 60512
Degree of pollution	IEC 60664-1	IEC 60664-1	IEC 60664-1
Degree of protection	IEC 60529	IEC 60529	IEC 60529
Mating cycles	IEC 60512-9a	IEC 60512-9a	IEC 60512-9a

Recommended torque M8: 0.4 Nm at SW 9

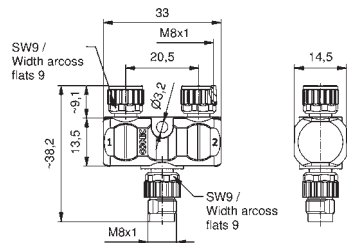
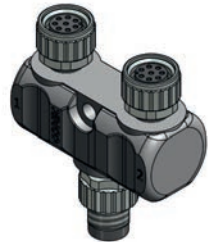
Recommended torque M12: 0.6 Nm at SW 13

Technical subject to change without notice.

M8x1 JUNCTION BOXES

Y-splitter

Male connector M8x1
2x Female connector M8x1



Contact assignment	Number of poles Side A	Number of poles Side B	Number of poles Side C	Rated voltage [V]	Current rating [A]	Description	Part No.
	3	3	3	50 V AC / 60 V DC	3	SAL-8-YS3-2YK3	42-05102
	4	3	3	50 V AC / 60 V DC	3	SAL-8-YS4-2YK3	42-05103
	4	4	4	50 V AC / 60 V DC	3	SAL-8-YS4-2YK4	42-05104
	8	8	8	30	1,5	SAL-8-YS8-2YK8	42-05105

M12x1 JUNCTION BOXES

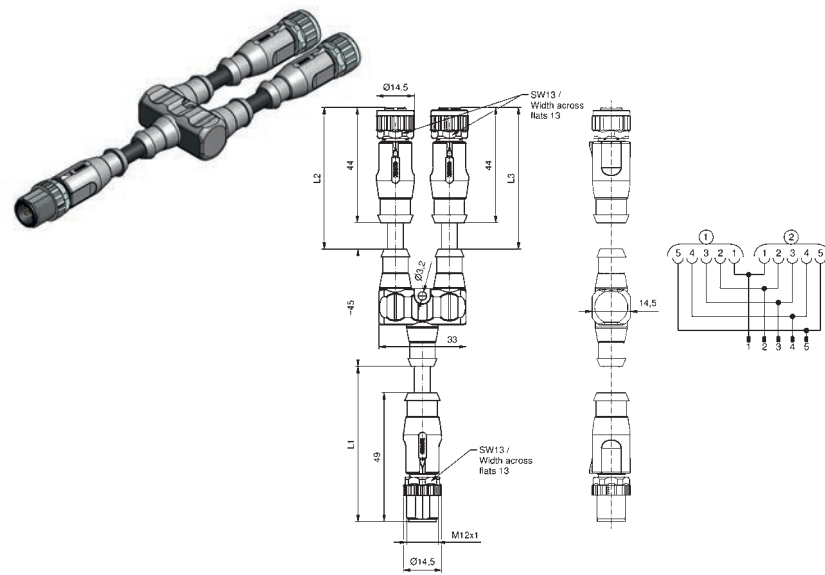
Y-splitter

Male connector M12x1 axial
2x Female connector M12x1 axial

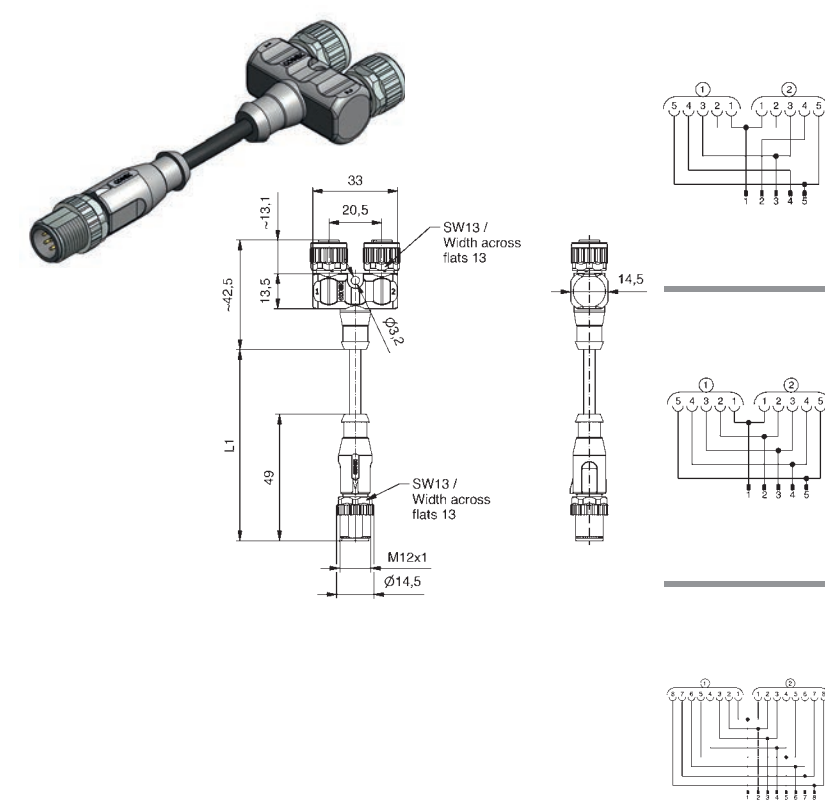
TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment

Number of poles side A	Number of poles side B	Number of poles side C	Coding	Rated voltage [V]	Current rating [A]	Wire cross section [mm ²]	Cable length = L [m]	Description	Part No.
5	5	5	A	60	4	0,34	0,6	SAL-12-YRS5-RK5-RK5-0,6/0,6/0,6/K1	43-05182
							1,5	SAL-12-YRS5-RK5-RK5-1,5/1,5/1,5/K1	43-05183
5	5	5	A	60	4	0,34	0,3	SAL-12-YRS5-2YK5-2-0,3/K1	43-05189
							0,6	SAL-12-YRS5-2YK5-2-0,6/K1	43-05190
							0,3	SAL-12-YRS5-2YK5-0,3/K1	43-05191
							0,6	SAL-12-YRS5-2YK5-0,6/K1	43-05192
8	8	8	A	30	2	0,25	0,3	SAL-12-YRS8-2YK8-0,3/K1	43-05193
							0,6	SAL-12-YRS8-2YK8-0,6/K1	43-05194



TPU, UL, halogenfree, black, Li9Y11Y



Male connector M12x1
2 x Female connector M8x1

Male connector M12x1
2 x Female connector M12x1

310 CONEC®

M8x1 JUNCTION BOXES DUO-splitter

Male connector M8x1 axial
2 x Female connector M8x1 axial

PVC, grey, LiYY

Contact assignment

Number of poles side A	Number of poles side B	Number of poles side C	Rated voltage [V]	Current rating [A]	Wire cross section [mm ²]	Cable length = L [m]	Description	Part No.
3	3	3	50 V AC / 60 V DC	3	0,25		0,3 SAL-8-DS3-2RK3-0,3/0,3/A1	42-11780
							0,6 SAL-8-DS3-2RK3-0,6/0,6/A1	42-11781
							1,5 SAL-8-DS3-2RK3-1,5/1,5/A1	42-11782
							3 SAL-8-DS3-2RK3-3/3/A1	42-11783
4	4	4	50 V AC / 60 V DC	3	0,25		0,3 SAL-8-DS4-2RK4-0,3/0,3/A1	42-11788
							0,6 SAL-8-DS4-2RK4-0,6/0,6/A1	42-11789
							1,5 SAL-8-DS4-2RK4-1,5/1,5/A1	42-11790
							3 SAL-8-DS4-2RK4-3/3/A1	42-11791

TPU, UL, halogenfree, black, Li9Y11Y

3	3	3	50 V AC / 60 V DC	3	0,25		0,3 SAL-8-DS3-2RK3-0,3/0,3/K1	42-11776
							0,6 SAL-8-DS3-2RK3-0,6/0,6/K1	42-11777
							1,5 SAL-8-DS3-2RK3-1,5/1,5/K1	42-11778
							3 SAL-8-DS3-2RK3-3/3/K1	42-11779
4	4	4	50 V AC / 60 V DC	3	0,25		0,3 SAL-8-DS4-2RK4-0,3/0,3/K1	42-11784
							0,6 SAL-8-DS4-2RK4-0,6/0,6/K1	42-11785
							1,5 SAL-8-DS4-2RK4-1,5/1,5/K1	42-11786
							3 SAL-8-DS4-2RK4-3/3/K1	42-11787

M8x1 JUNCTION BOXES DUO-splitter

Male connector M8x1 axial
2 x Female connector M8x1 angled

PVC, grey, LiYY

Contact assignment

Number of poles side A	Number of poles side B	Number of poles side C	Rated voltage [V]	Current rating [A]	Wire cross section [mm ²]	Cable length = L [m]	Description	Part No.
3	3	3	50 V AC / 60 V DC	3	0,25		0,3 SAL-8-DS3-2RKW3-0,3/0,3/A1	42-11796
							0,6 SAL-8-DS3-2RKW3-0,6/0,6/A1	42-11797
							1,5 SAL-8-DS3-2RKW3-1,5/1,5/A1	42-11798
							3 SAL-8-DS3-2RKW3-3/3/A1	42-11799
4	4	4	50 V AC / 60 V DC	3	0,25		0,3 SAL-8-DS4-2RKW4-0,3/0,3/A1	42-11804
							0,6 SAL-8-DS4-2RKW4-0,6/0,6/A1	42-11805
							1,5 SAL-8-DS4-2RKW4-1,5/1,5/A1	42-11806
							3 SAL-8-DS4-2RKW4-3/3/A1	42-11807

TPU, UL, halogenfree, black, Li9Y11Y

3	3	3	50 V AC / 60 V DC	3	0,25		0,3 SAL-8-DS3-2RKW3-0,3/0,3/K1	42-11792
							0,6 SAL-8-DS3-2RKW3-0,6/0,6/K1	42-11793
							1,5 SAL-8-DS3-2RKW3-1,5/1,5/K1	42-11794
							3 SAL-8-DS3-2RKW3-3/3/K1	42-11795
4	4	4	50 V AC / 60 V DC	3	0,25		0,3 SAL-8-DS4-2RKW4-0,3/0,3/K1	42-11800
							0,6 SAL-8-DS4-2RKW4-0,6/0,6/K1	42-11801
							1,5 SAL-8-DS4-2RKW4-1,5/1,5/K1	42-11802
							3 SAL-8-DS4-2RKW4-3/3/K1	42-11803

M12x1 JUNCTION BOXES DUO-splitter

Female connector M12x1 axial
2 x Male connector M8x1 axial

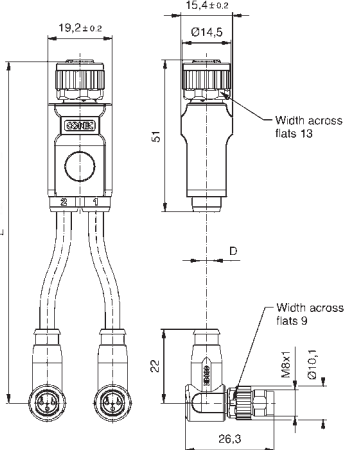
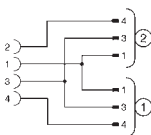
TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment

Number of poles side A	Number of poles side B	Number of poles side C	Rated voltage [V]	Current rating [A]	Wire cross section [mm ²]	Cable length = L [m]	Description	Part No.
4	3	3	50 V AC / 60 V DC	3	0,25		0,3 SAL-12-DK4-8-2RS3-0,3/0,3/K1	43-16267
							0,6 SAL-12-DK4-8-2RS3-0,6/0,6/K1	43-16268
							1,5 SAL-12-DK4-8-2RS3-1,5/1,5/K1	43-16269
							3 SAL-12-DK4-8-2RS3-3/3/K1	43-16270

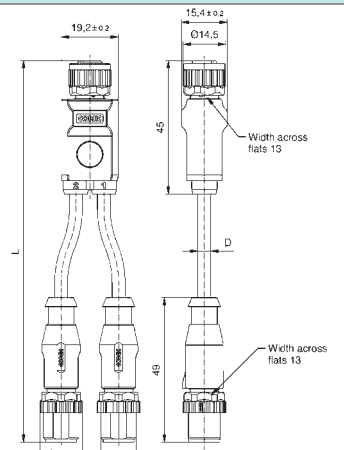
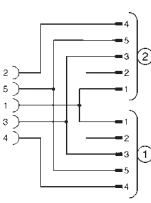
Female connector M12x1 axial
2 x Male connector M8x1 angled

TPU, UL, halogenfree, black, Li9Y11Y

			4	3	3	50 V AC / 60 V DC	3	0,25	0,3 SAL-12-DK4-8-2RSW3-0,3/0,3/K1	43-16276
									0,6 SAL-12-DK4-8-2RSW3-0,6/0,6/K1	43-16277
									1,5 SAL-12-DK4-8-2RSW3-1,5/1,5/K1	43-16278
									3 SAL-12-DK4-8-2RSW3-3/3/K1	43-16279

Female connector M12x1 axial
2 x Male connector M12x1 axial

TPU, UL, halogenfree, black, Li9Y11Y

			5	5	5	60	4	0,34	0,3 SAL-12-DK5-2RS5.2-0,3/0,3/K1	43-16287
									0,6 SAL-12-DK5-2RS5.2-0,6/0,6/K1	43-16288
									1,5 SAL-12-DK5-2RS5.2-1,5/1,5/K1	43-16289
									3 SAL-12-DK5-2RS5.2-3/3/K1	43-16290

M12x1 JUNCTION BOXES DUO-splitter

Male connector M12x1 axial
2 x Female connector M8x1 axial

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment

Number of poles side A	Number of poles side B	Number of poles side C	Rated voltage [V]	Current rating [A]	Wire cross section [mm ²]	Cable length = L [m]	Description	Part No.
4	3	3	50 V AC / 60 V DC	3	0,25		0,3 SAL-12-DS4-8-2RK3-0,3/0,3/K1	43-12463
							0,6 SAL-12-DS4-8-2RK3-0,6/0,6/K1	43-12464
							1,5 SAL-12-DS4-8-2RK3-1,5/1,5/K1	43-12465
							3 SAL-12-DS4-8-2RK3-3/3/K1	43-12466

Male connector M12x1 axial
2 x Female connector M8x1 angled

TPU, UL, halogenfree, black, Li9Y11Y

4	3	3	50 V AC / 60 V DC	3	0,25		0,3 SAL-12-DS4-8-2RKW3-0,3/0,3/K1	43-12467
							0,6 SAL-12-DS4-8-2RKW3-0,6/0,6/K1	43-12468
							1,5 SAL-12-DS4-8-2RKW3-1,5/1,5/K1	43-12469
							3 SAL-12-DS4-8-2RKW3-3/3/K1	43-12470

Male connector M12x1
2 x Female connector M8x1

4	3	3	50 V AC / 60 V DC	3			SAL-12-DS4-8-2DK3	43-05117
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M12x1 JUNCTION BOXES DUO-splitter

Male connector M12x1 axial
2 x Female connector M12x1 axial

TPU, UL, halogenfree, black, Li9Y11Y

Contact assignment

Number of poles side A	Number of poles side B	Number of poles side C	Rated voltage [V]	Current rating [A]	Wire cross section [mm ²]	Cable length = L [m]	Description	Part No.
5	5	5	60	4	0,34		0,3 SAL-12-DS5-2RK5.2-0,3/0,3/K1	43-12603
							0,6 SAL-12-DS5-2RK5.2-0,6/0,6/K1	43-12604
							1,5 SAL-12-DS5-2RK5.2-1,5/1,5/K1	43-12605
							3 SAL-12-DS5-2RK5.2-3/3/K1	43-12606

Male connector M12x1 axial
2 x Female connector M12x1 angled

TPU, UL, halogenfree, black, Li9Y11Y

5	5	5	60	4	0,34		0,3 SAL-12-DS5-2RKW5.2-0,3/0,3/K1	43-12607
							0,6 SAL-12-DS5-2RKW5.2-0,6/0,6/K1	43-12608
							1,5 SAL-12-DS5-2RKW5.2-1,5/1,5/K1	43-12609
							3 SAL-12-DS5-2RKW5.2-3/3/K1	43-12610

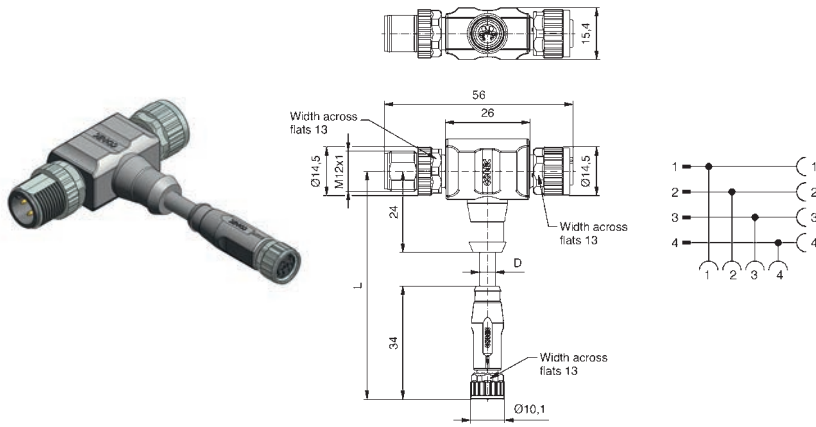
M12x1 JUNCTION BOXES T-splitter

Male connector/Female connector M12x1
Female connector M8x1 axial

PVC, grey, LiYY

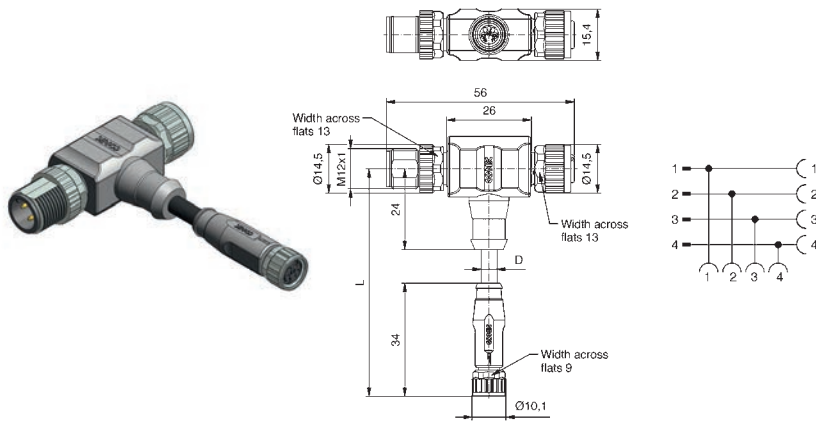
Contact assignment

Number of poles side A	Number of poles side B	Number of poles side C	Rated voltage [V]	Current rating [A]	Wire cross section [mm ²]	Cable length = L [m]	Description	Part No.
4	4	4	50 V AC / 60 V DC	3	0,25	0,3	SAL-12-TS4-TK4-8-RK4-0,3/A1	43-05122
						0,6	SAL-12-TS4-TK4-8-RK4-0,6/A1	43-05123



TPU, UL, halogenfree, black, Li9Y11Y

4	4	4	50 V AC / 60 V DC	3	0,25	0,3	SAL-12-TS4-TK4-8-RK4-0,3/K1	43-05124
						0,6	SAL-12-TS4-TK4-8-RK4-0,6/K1	43-05125



M12x1 JUNCTION BOXES T-splitter

Male connector/Female connector M12x1
Female connector M12x1 axial

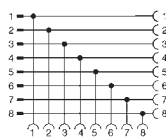
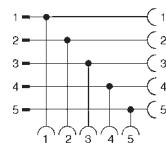
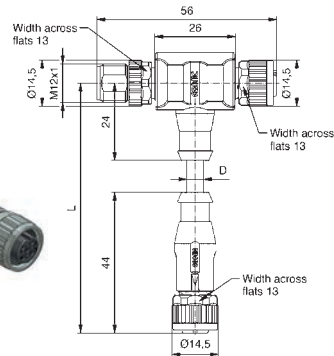
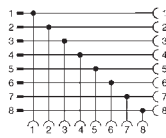
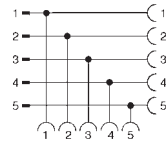
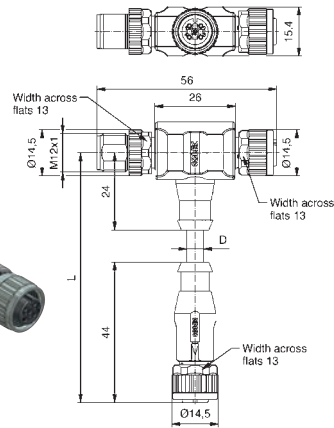
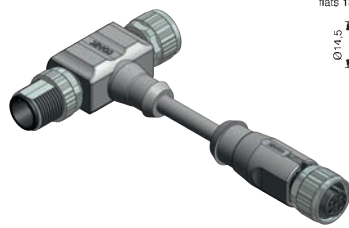
PVC, grey, LiYY

Contact assignment

Number of poles side A	Number of poles side B	Number of poles side C	Rated voltage [V]	Current rating [A]	Wire cross section [mm ²]	Cable length = L [m]	Description	Part No.
5	5	5	60	4	0,34	0,3	SAL-12-TS5.1-TK5.1-RK5.1-0,3/A1	43-05118
						0,6	SAL-12-TS5.1-TK5.1-RK5.1-0,6/A1	43-05119
8	8	8	30	2	0,25	0,3	SAL-12-TS8-TK8-RK8-0,3/A1	43-05126
						0,6	SAL-12-TS8-TK8-RK8-0,6/A1	43-05127

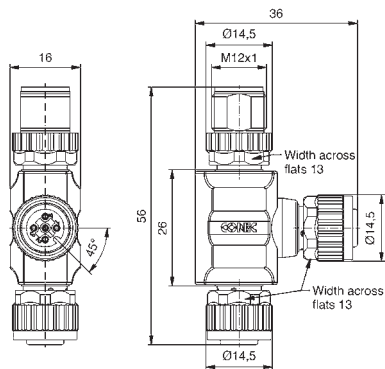
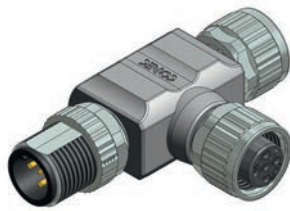
TPU, UL, halogenfree, black, Li9Y11Y

5	5	5	60	4	0,34	0,3	SAL-12-TS5.1-TK5.1-RK5.1-0,3/K1	43-05120
						0,6	SAL-12-TS5.1-TK5.1-RK5.1-0,6/K1	43-05121
8	8	8	30	2	0,25	0,3	SAL-12-TS8-TK8-RK8-0,3/K1	43-05128
						0,6	SAL-12-TS8-TK8-RK8-0,6/K1	43-05129

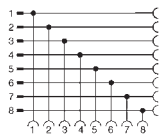
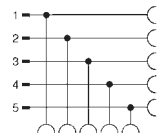
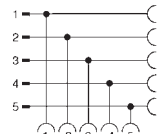
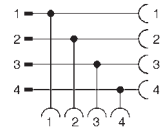


M12x1 JUNCTION BOXES T-splitter

Male connector M12x1
2 x Female connector M12x1



Contact assignment



Number of poles Side A

Number of poles Side B

Number of poles Side C

Rated voltage [V]

Current rating [A]

Description

Part No.

4

4

4

250

4

SAL-12-TS4-TK4-TK4

43-05115

5

5

5

60

4

SAL-12-TS5-TK5-TK5

43-05116

5

5

5

60

4

SAL-12-TS5.1-TK5.1-TK5.1

43-05114

8

8

8

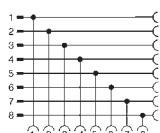
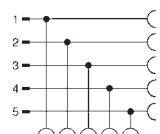
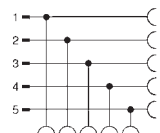
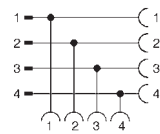
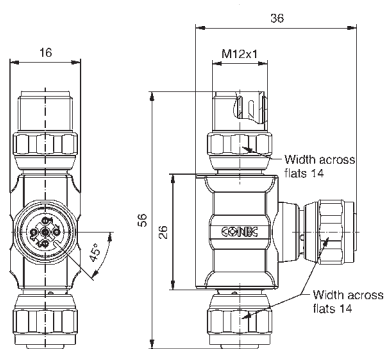
30

2

SAL-12-TS8-TK8-TK8

43-05142

Male connector M12x1 – 2 x Female connector M12x1
Coupling nut and screw stainless steel



4

4

4

250

4

SAL-12-TSE4-TKE4-TKE4

43-05155

5

5

5

60

4

SAL-12-TSE5-TKE5-TKE5

43-05156

5

5

5

60

4

SAL-12-TSE5.1-TKE5.1-TKE5.1

43-05154

8

8

8

30

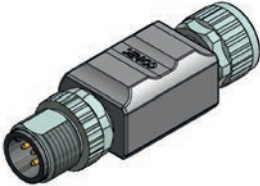
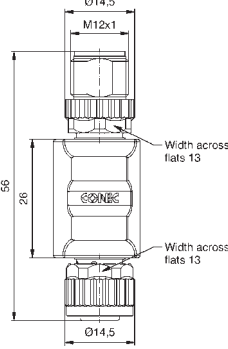
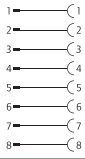
2

SAL-12-TSE8-TKE8-TKE8

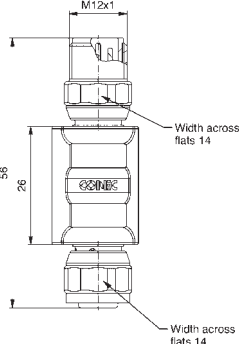
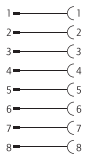
43-05153

M12x1 JUNCTION BOXES Adapter

Male connector M12x1
Female connector M12x1

Contact assignment		Number of poles Side A	Number of poles Side B	Rated voltage [V]	Current rating [A]	Description	Part No.
 		4	4	250	4	SAL-12-TS4-TK4	43-05130
		5	5	60	4	SAL-12-TS5-TK5	43-05131
		8	8	30	2	SAL-12-TS8-TK8	43-05113

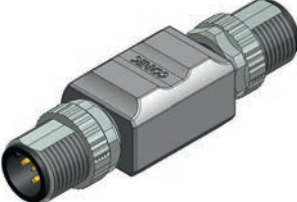
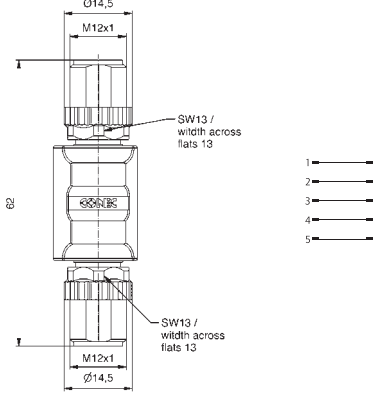
Male connector M12x1 – Female connector M12x1
Coupling nut and screw stainless steel

 		4	4	250	4	SAL-12-TSE4-TKE4	43-05150
		5	5	60	4	SAL-12-TSE5-TKE5	43-05151
		8	8	30	2	SAL-12-TSE8-TKE8	43-05149

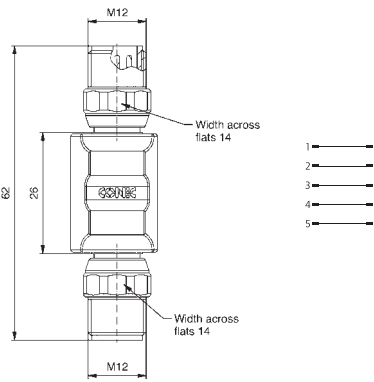
M12x1 JUNCTION BOXES

Adapter

Male connector M12x1
Male connector M12x1

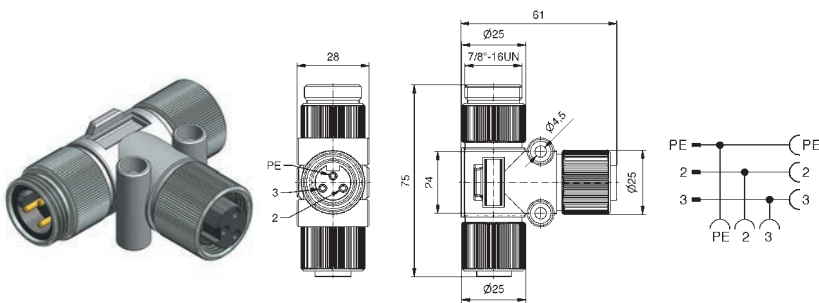
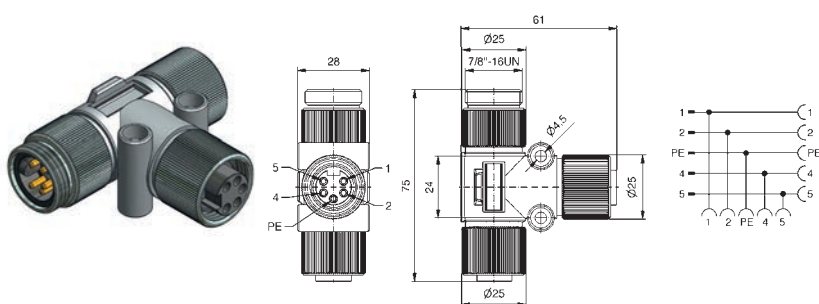
Contact assignment	Number of poles Side A	Number of poles Side B	Rated voltage [V]	Current rating [A]	Description	Part No.
 	5	5	60	4	SAL-12-TS5.1-TS5.1	43-05133

Male connector M12x1 – Male connector M12x1
Coupling nut and screw stainless steel

 	5	5	60	4	SAL-12-TSE5.1-TSE5.1	43-05152
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7/8" JUNCTION BOXES T-splitter

Male connector 7/8"
2 x Female connector 7/8"

Contact assignment	Number of poles Side A	Number of poles Side B	Number of poles Side C	Rated voltage [V]	Current rating [A]	Description	Part No.
	2+PE	2+PE	2+PE	250	10	SAL-7/8-TS2PE- TK2PE-TK2PE	41-30001
	4+PE	4+PE	4+PE	250	10	SAL-7/8-TS4PE- TK4PE-TK4PE	41-30002

SECTION 11

VALVE CONNECTORS





VALVE CONNECTORS DT-SERIES

Nomenclature

DT06 - 2 S L - A / K1 / 0.75 / 2m

Type

DT06 = Housing for socket contact
DT04 = Housing for plug contact

Number of poles

2 = 2-pos.
3 = 3-pos.
4 = 4-pos.
6 = 6-pos.
8A = 8-pos. A-coded
12A = 12-pos. A-coded

Type

S = Socket
P = Plug

Line style

= Cable
L = Single wire (only 2-pos. version)

Termination protection hose

= Standard
G = with M12x1 thread

Protection circuit

A = without protection circuit
B = with LED protection circuit

Material cable

K1 = TPU, black highflexible, halogenfree, UL
A1 = PVC/single wire
other types upon request

Wire cross-section

0.75 = 0.75 mm²
other cross-section upon request

Cable length

2m = 2 meter
5m = 5 meter
10m = 10 meter

VALVE CONNECTORS DT-SERIES

Product specification

Basic material	
Contact	CuZn
Contact plating	Ni
Contact carrier	Thermoplastic
Overmould	TPU, UL94, translucent
Sealing	Silicone
Technical Data	
Rated voltage	12/24 V AC/DC [with LED and Protection circuit] 10 - 230 V AC/DC [without Protection circuit]
Current rating	8 A at 40°C [2-, 3-pos.] 7 A at 40°C [4-pos.] 6 A at 40°C [6-, 8-pos.] 5 A at 40°C [12-pos.]
Degree of protection	IP67 in mated condition
Temperature range connector	-40°C to +85°C
Temperature range cable	Fixed installation: -40°C to +80°C Flexible installation: -25°C to +80°C
Temperature range single wire	Fixed installation: -40°C to +105°C Flexible installation: -10°C to +105°C
Terminal cross section	0.75 mm ² /AWG 18
Housing	Deutsch DT06 /DT04
Protection circuit	Supressor diode + 2 x LED yellow

VALVE CONNECTORS SUPERSEAL-SERIES

Nomenclature

	VSS1.5	-	2	S	L	-	A	/	K1	/	0.75	/	2m
Type	VSS1.5												
Number of poles													
2													
3													
4													
Type													
S													
P													
Line style													
= Cable													
L													
= Single wire (only 2-pos. version)													
Termination protection hose													
= Standard													
Protection circuit													
A													
= without protection circuit													
Material cable													
K1													
= TPU, black highflexible, halogenfree, UL													
A1													
= PVC/single wire													
other types upon request													
Wire cross-section													
0.75													
= 0.75 mm²													
other cross-section upon request													
Cable length													
2m													
= 2 meter													
5m													
= 5 meter													
10m													
= 10 meter													

VALVE CONNECTORS SUPERSEAL-SERIES

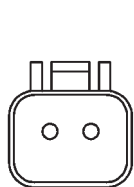
Product specification

Basic material	
Contact	CuZn
Contact plating	Sn
Contact carrier	Thermoplastic
Overmould	TPU, UL94, black
Sealing	Silicone
Technical Data	
Rated voltage	max. 24 V DC
Current rating	8 A at 40°C [2-, 3-pos.] 7 A at 40°C [4-pos.]
Degree of protection	IP67 in mated condition
Temperature range connector	-40°C to +85°C
Temperature range cable	Fixed installation: -40°C to +80°C Flexible installation: -25°C to +80°C
Temperature range single wire	Fixed installation: -40°C to +105°C Flexible installation: -10°C to +105°C
Terminal cross section	0.75 mm ² /AWG 18
Housing	Superseal 1.5, black

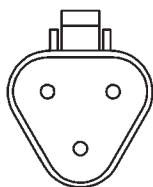
VALVE CONNECTORS

Overview pin assignment

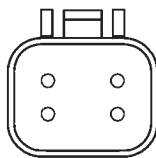
DT 06 (Housing for socket contacts)



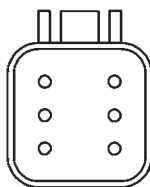
2-pos.



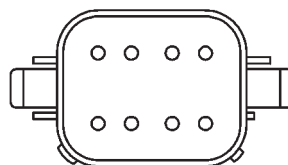
3-pos.



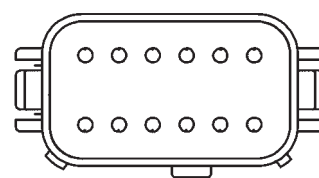
4-pos.



6-pos.



8-pos.
A-coded

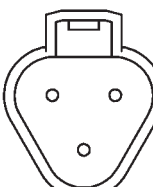


12-pos.
A-coded

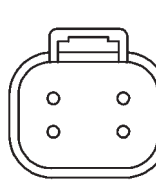
DT 04 (Housing for plug contacts)



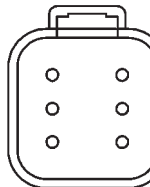
2-pos.



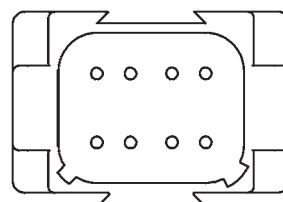
3-pos.



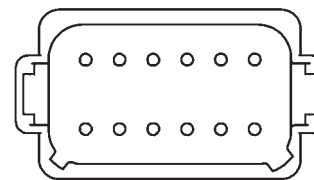
4-pos.



6-pos.



8-pos.
A-coded

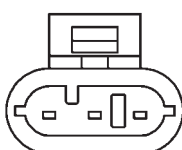


12-pos.
A-coded

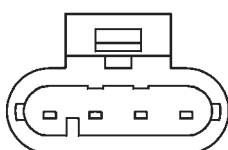
Superseal VSS1.5 (Housing for socket contacts)



2-pos.

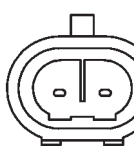


3-pos.

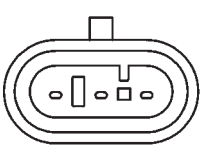


4-pos.

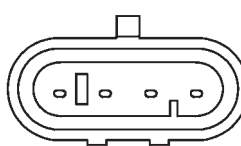
Superseal VSS1.5 (Housing for plug contacts)



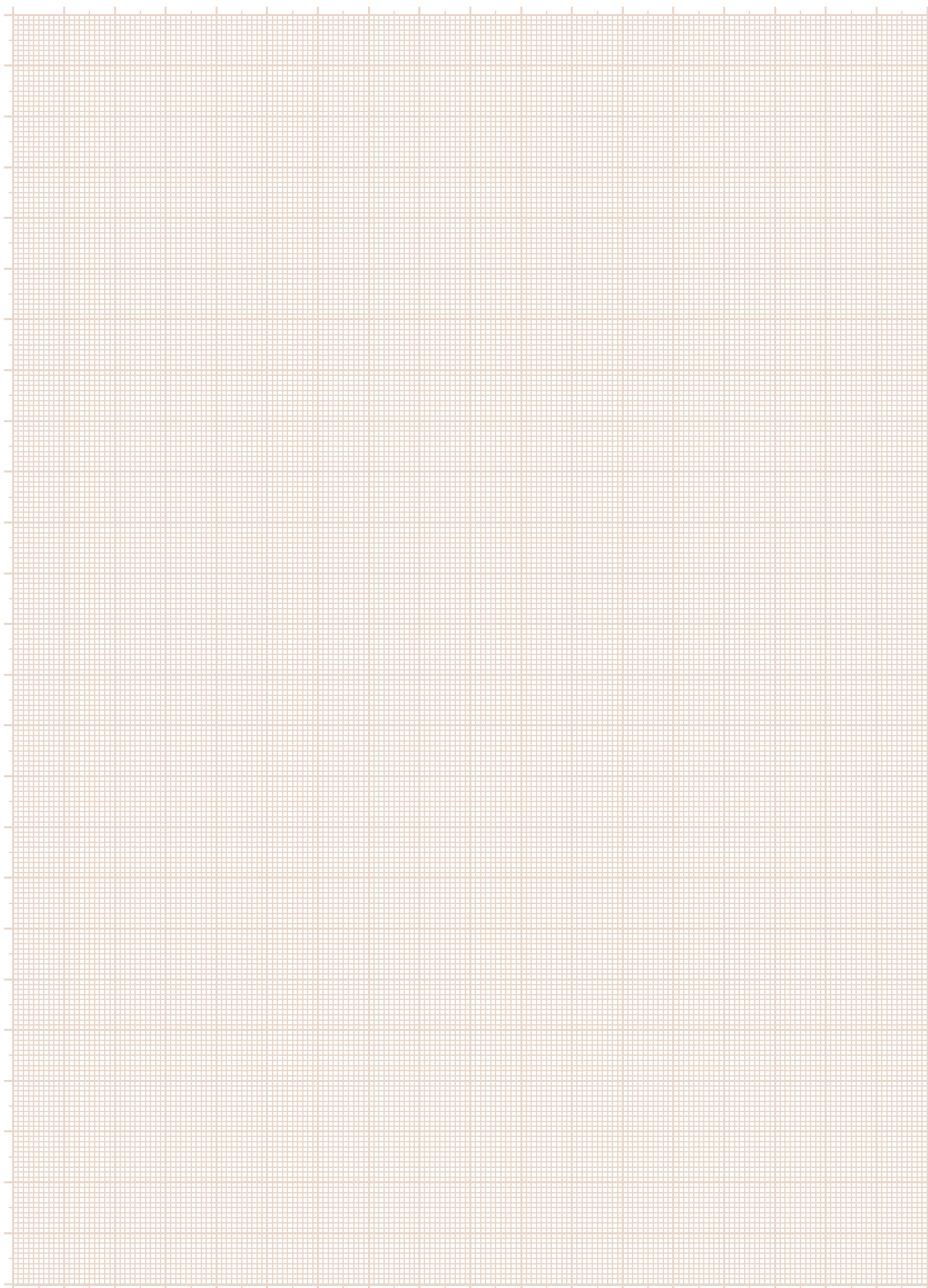
2-pos.



3-pos.

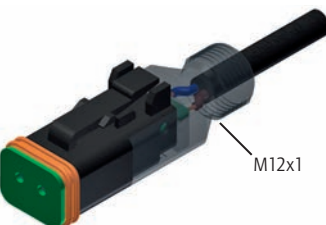
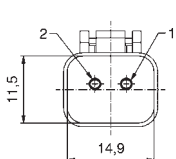
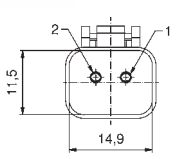
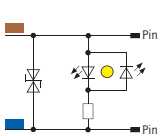
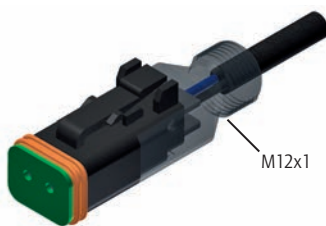
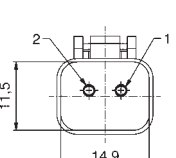
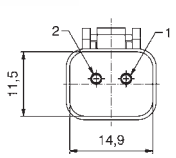


4-pos.



VALVE CONNECTORS

DT-Series

DT06, 2-pos., socket contacts, with LED-protection circuit			Contact assignment	Num	Rate	Curr	Cabl	Cabl	Wire	Description	Part No.
 with threaded connection  M12x1	 	 Pin 1 Pin 2	2	12/24 V AC/DC	8	PUR	2 x 0,75	DT06-2S-B/ K1/0.75/2m	55-00376		
								DT06-2S-B/ K1/0.75/5m	55-00377		
								DT06-2S-B/ K1/0.75/10m	55-00378		
								DT06-2SG-B/ K1/0.75/2m	55-00379		
								DT06-2SG-B/ K1/0.75/5m	55-00380		
								DT06-2SG-B/ K1/0.75/10m	55-00381		
DT06, 2-pos., socket contacts, without protection circuit											
 with threaded connection  M12x1	 	Pin 1  Pin 2 	2	10 - 230 V AC/DC	8	PUR	2 x 0,75	DT06-2S-A/ K1/0.75/2m	55-00388		
								DT06-2S-A/ K1/0.75/5m	55-00389		
								DT06-2S-A/ K1/0.75/10m	55-00390		
								DT06-2SG-A/ K1/0.75/2m	55-00391		
								DT06-2SG-A/ K1/0.75/5m	55-00392		
								DT06-2SG-A/ K1/0.75/10m	55-00393		

VALVE CONNECTORS

DT-Series, Single wire

DT06, 2-pos., socket contacts, with LED-protection circuit

Contact assignment

Number of poles

Rated voltage [V]

Current rating [A]

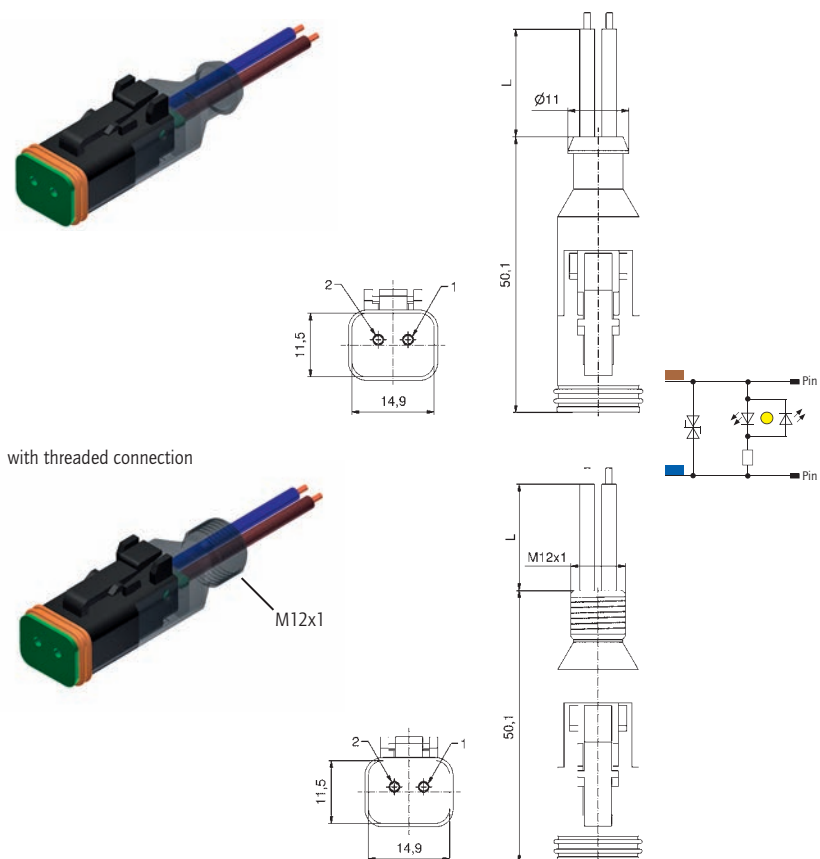
Cable length = L [m]

Cable quality

Wire cross section [mm²]

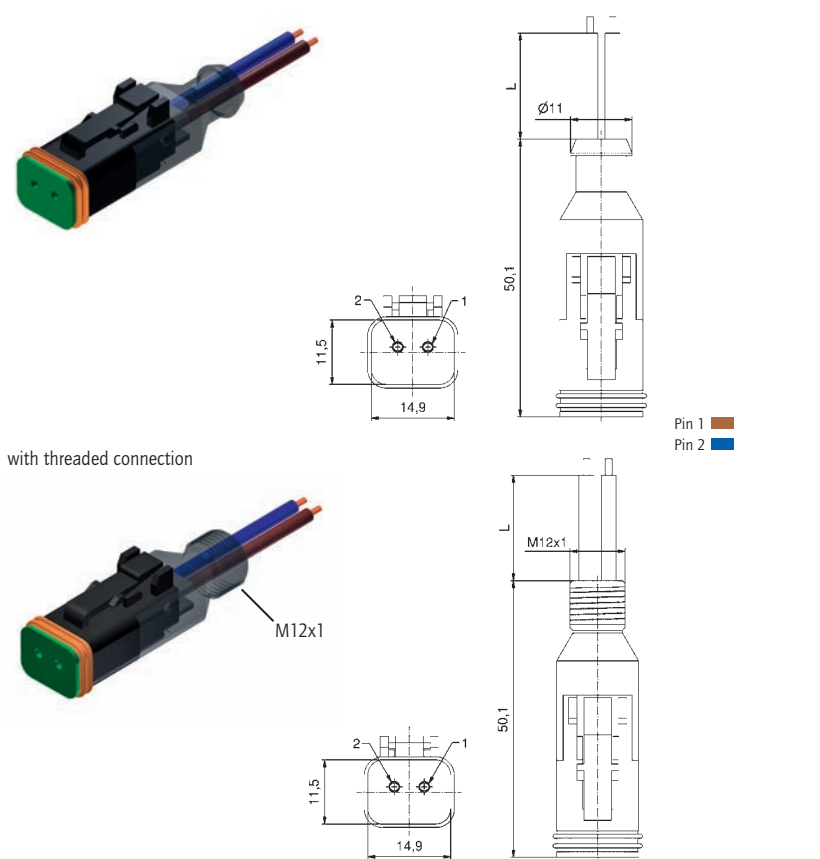
Description

Part No.



2	12/24 V AC/DC	8	PVC	2 x 0,75	DT06-2SL-B/ A1/0.75/0,5m	55-00560
					DT06-2SL-B/ A1/0.75/2m	55-00482
					DT06-2SL-B/ A1/0.75/5m	55-00561
					DT06-2SLG-B/ A1/0.75/0,5m	55-00562
					DT06-2SLG-B/ A1/0.75/2m	55-00483
					DT06-2SLG-B/ A1/0.75/5m	55-00563

DT06, 2-pos., socket contacts, without protection circuit



2	10 - 230 V AC/DC	8	PVC	2 x 0,75	DT06-2SL-A/ A1/0.75/0,5m	55-00564
					DT06-2SL-A/ A1/0.75/2m	55-00565
					DT06-2SL-A/ A1/0.75/5m	55-00566
					DT06-2SLG-A/ A1/0.75/0,5m	55-00567
					DT06-2SLG-A/ A1/0.75/2m	55-00568
					DT06-2SLG-A/ A1/0.75/5m	55-00569

VALVE CONNECTORS

DT-Series

DT04, 2-pos., plug contacts, with LED-protection circuit

Contact assignment

Number of poles	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Cable quality	Wire cross section [mm ²]	Description	Part No.
2	12/24 V AC/DC	8	PUR	2 x 0,75	2	DT04-2P-B/ K1/0.75/2m	55-00442
					5	DT04-2P-B/ K1/0.75/5m	55-00443
					10	DT04-2P-B/ K1/0.75/10m	55-00444
					2	DT04-2PG-B/ K1/0.75/2m	55-00445
					5	DT04-2PG-B/ K1/0.75/5m	55-00446
					10	DT04-2PG-B/ K1/0.75/10m	55-00447

with threaded connection

DT04, 2-pos., Plug contacts, without protection circuit

2	10 - 230 V AC/DC	8	PUR	2 x 0,75	2	DT04-2P-A/ K1/0.75/2m	55-00448
					5	DT04-2P-A/ K1/0.75/5m	55-00449
					10	DT04-2P-A/ K1/0.75/10m	55-00450
					2	DT04-2PG-A/ K1/0.75/2m	55-00451
					5	DT04-2PG-A/ K1/0.75/5m	55-00452
					10	DT04-2PG-A/ K1/0.75/10m	55-00453

with threaded connection

Pin 1 
Pin 2 

VALVE CONNECTORS

DT-Series, Single wire

DT04, 2-pos., plug contacts, with LED-protection circuit

Contact assignment

Number of poles

Rated voltage [V]

Current rating [A]

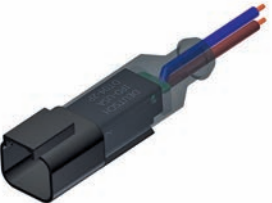
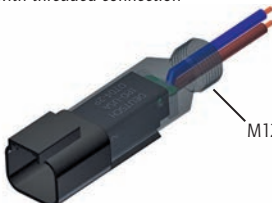
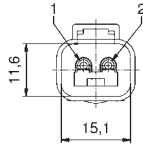
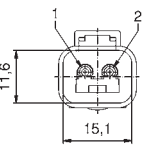
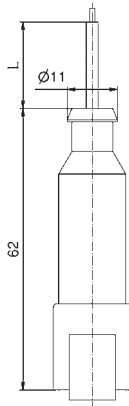
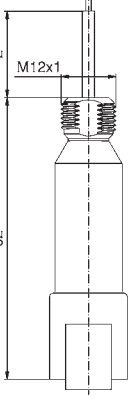
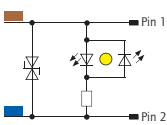
Cable length = L [m]

Cable quality

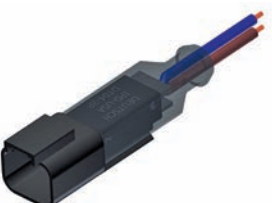
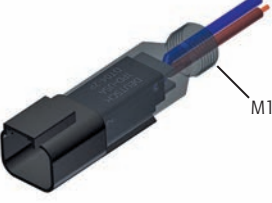
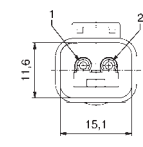
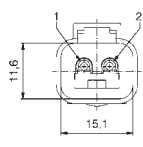
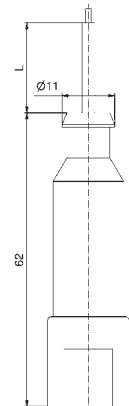
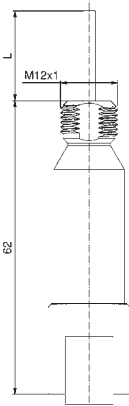
Wire cross section [mm²]

Description

Part No.

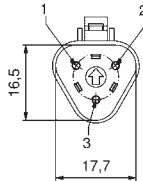
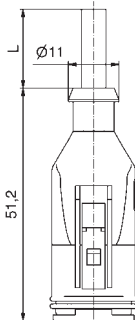
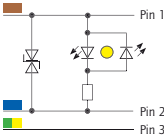
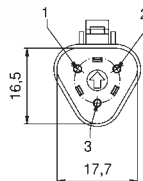
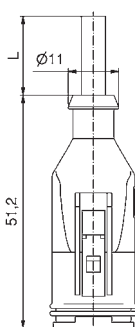
 with threaded connection  M12x1	 	 		2	12/24 V AC/DC	8	PVC	2 x 0,75	DT04-2PL-B/ A1/0.75/0,5m	55-00570
									DT04-2PL-B/ A1/0.75/2m	55-00571
									DT04-2PL-B/ A1/0.75/5m	55-00572
									DT04-2PLG-B/ A1/0.75/0,5m	55-00573
									DT04-2PLG-B/ A1/0.75/2m	55-00574
									DT04-2PLG-B/ A1/0.75/5m	55-00575

DT04, 2-pos., plug contacts, without protection circuit

 with threaded connection  M12x1	 	 	Pin 1  Pin 2 	2	10 - 230 V AC/DC	8	PVC	2 x 0,75	DT04-2PL-A/ A1/0.75/0,5m	55-00576
									DT04-2PL-A/ A1/0.75/2m	55-00577
									DT04-2PL-A/ A1/0.75/5m	55-00578
									DT04-2PLG-A/ A1/0.75/0,5m	55-00579
									DT04-2PLG-A/ A1/0.75/2m	55-00580
									DT04-2PLG-A/ A1/0.75/5m	55-00581

VALVE CONNECTORS

DT-Series

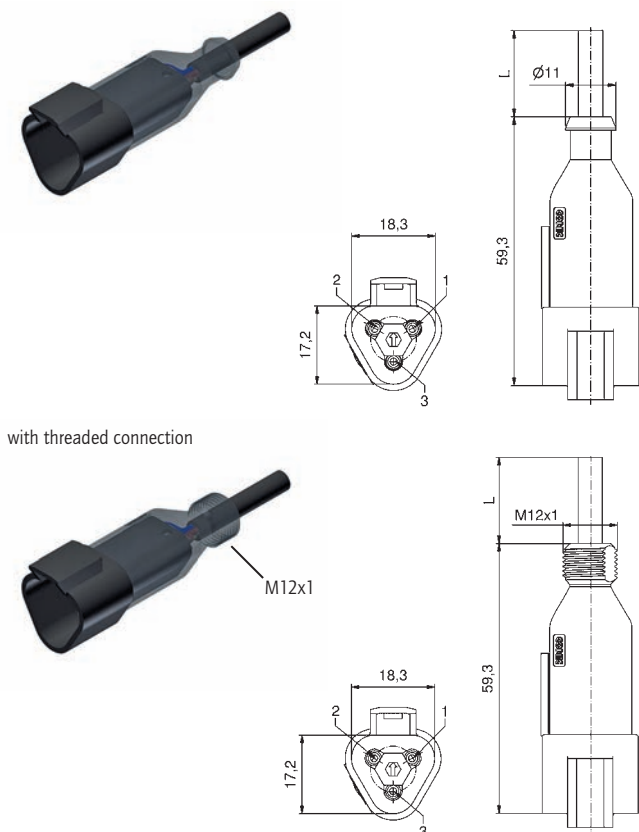
DT06, 3-pos., socket contacts, with LED-protection circuit			Contact assignment	Num	Rate	Curr	Cabl	Cabl	Wire	Description	Part No.
 with threaded connection   	3	12/24 V AC/DC	8	PUR	3 x 0,75	DT06-3S-B/ K1/0.75/2m	55-00411				
						DT06-3S-B/ K1/0.75/5m	55-00412				
						DT06-3S-B/ K1/0.75/10m	55-00413				
						DT06-3SG-B/ K1/0.75/2m	55-00414				
						DT06-3SG-B/ K1/0.75/5m	55-00415				
						DT06-3SG-B/ K1/0.75/10m	55-00416				
DT06, 3-pos., socket contacts, without protection circuit											
 with threaded connection   	3	10 - 230 V AC/DC	8	PUR	3 x 0,75	DT06-3S-A/ K1/0.75/2m	55-00417				
						DT06-3S-A/ K1/0.75/5m	55-00418				
						DT06-3S-A/ K1/0.75/10m	55-00419				
						DT06-3SG-A/ K1/0.75/2m	55-00420				
						DT06-3SG-A/ K1/0.75/5m	55-00421				
						DT06-3SG-A/ K1/0.75/10m	55-00422				

VALVE CONNECTORS

DT-Series

DT04, 3-pos., plug contacts, with LED-protection circuit

Contact assignment



with threaded connection

M12x1

Number of poles

Rated voltage [V]

Current rating [A]

Cable length = L [m]

Cable quality

Wire cross section [mm²]

Description

Part No.

2

5

10

8

PUR

3 x 0,75

DT04-3P-B/
K1/0.75/2m

55-00423

DT04-3P-B/
K1/0.75/5m

55-00424

DT04-3P-B/
K1/0.75/10m

55-00425

DT04-3PG-B/
K1/0.75/2m

55-00426

DT04-3PG-B/
K1/0.75/5m

55-00427

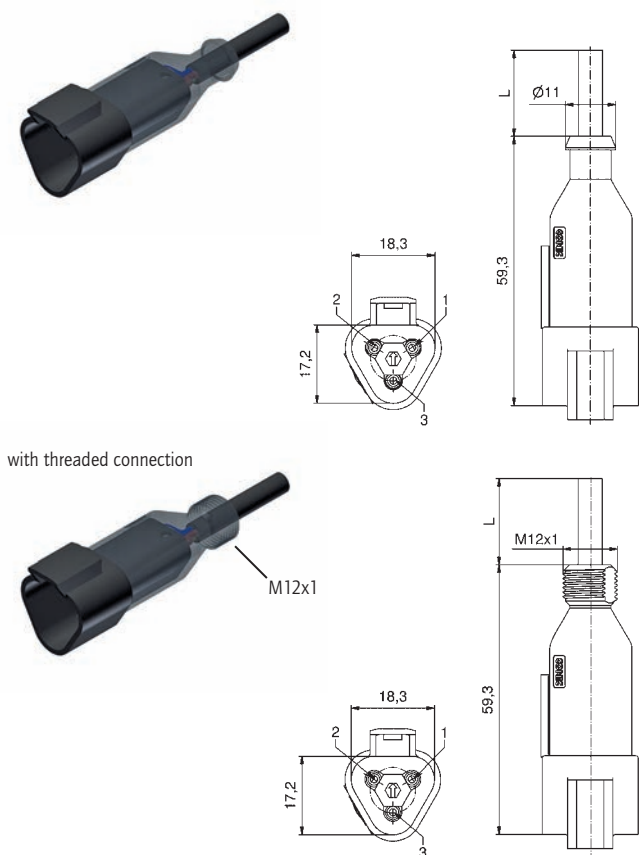
DT04-3PG-B/
K1/0.75/10m

55-00428

12/24 V AC/DC

3

DT06, 3-pos., socket contacts, without protection circuit



with threaded connection

M12x1

Pin 1
Pin 2
Pin 3

3

10 - 230 V AC/DC

8

PUR

3 x 0,75

DT04-3P-A/
K1/0.75/2m

55-00429

DT04-3P-A/
K1/0.75/5m

55-00430

DT04-3P-A/
K1/0.75/10m

55-00431

DT04-3PG-A/
K1/0.75/2m

55-00432

DT04-3PG-A/
K1/0.75/5m

55-00433

DT04-3PG-A/
K1/0.75/10m

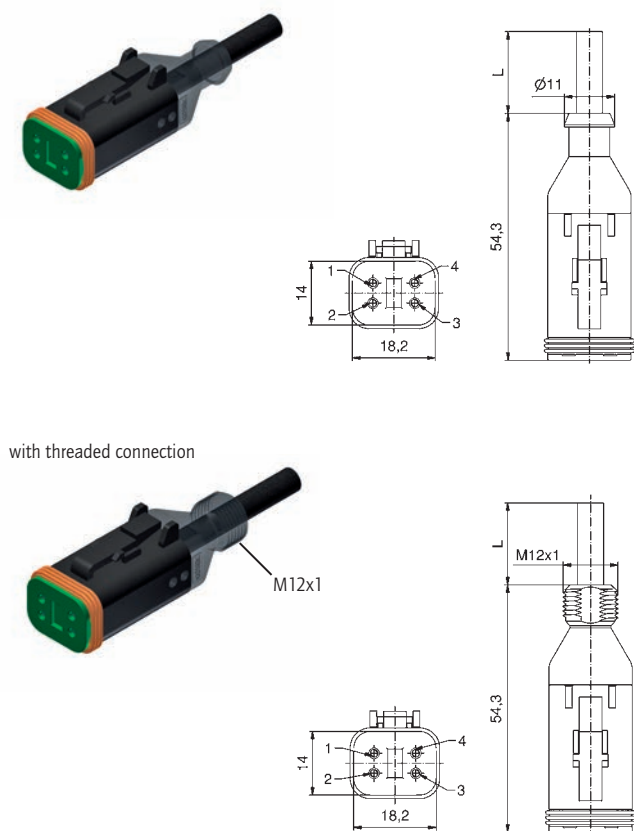
55-00434

VALVE CONNECTORS

DT-Series

DT06, 4-pos., socket contacts, without protection circuit

Contact assignment



Number of poles

Rated voltage [V]

Current rating [A]

Cable length = L [m]

Cable quality

Wire cross section [mm²]

Description

Part No.

2

DT06-4S-A/
K1/0.75/2m

55-00487

5

DT06-4S-A/
K1/0.75/5m

55-00488

10

DT06-4S-A/
K1/0.75/10m

55-00489

2

DT06-4SG-A/
K1/0.75/2m

55-00495

5

DT06-4SG-A/
K1/0.75/5m

55-00496

10

DT06-4SG-A/
K1/0.75/10m

55-00497

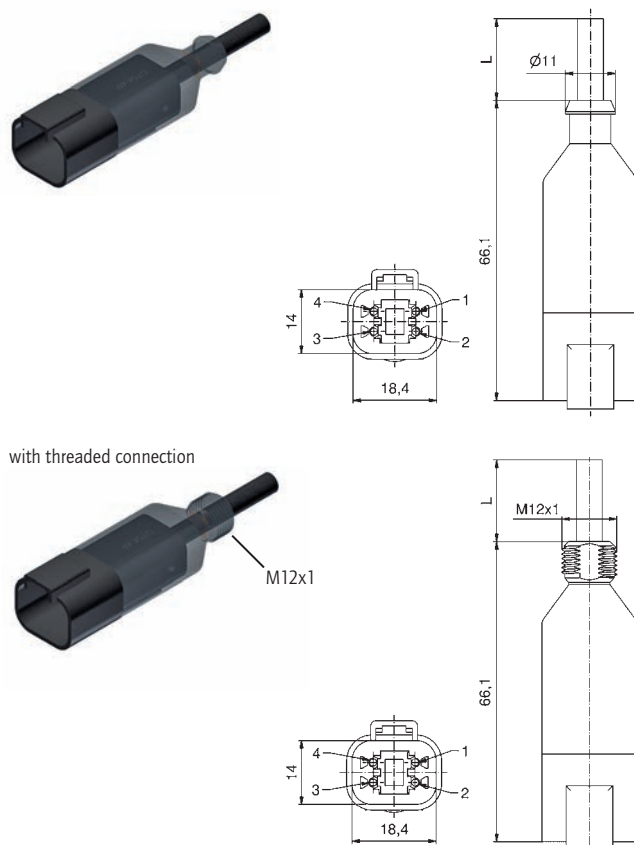
10 - 230 V AC/DC

7

PUR

4 x 0,75

DT04, 4-pos., plug contacts, without protection circuit



4

10 - 230 V AC/DC

7

PUR

4 x 0,75

2

DT04-4P-A/
K1/0.75/2m

55-00490

5

DT04-4P-A/
K1/0.75/5m

55-00491

10

DT04-4P-A/
K1/0.75/10m

55-00492

2

DT04-4PG-A/
K1/0.75/2m

55-00498

5

DT04-4PG-A/
K1/0.75/5m

55-00499

10

DT04-4PG-A/
K1/0.75/10m

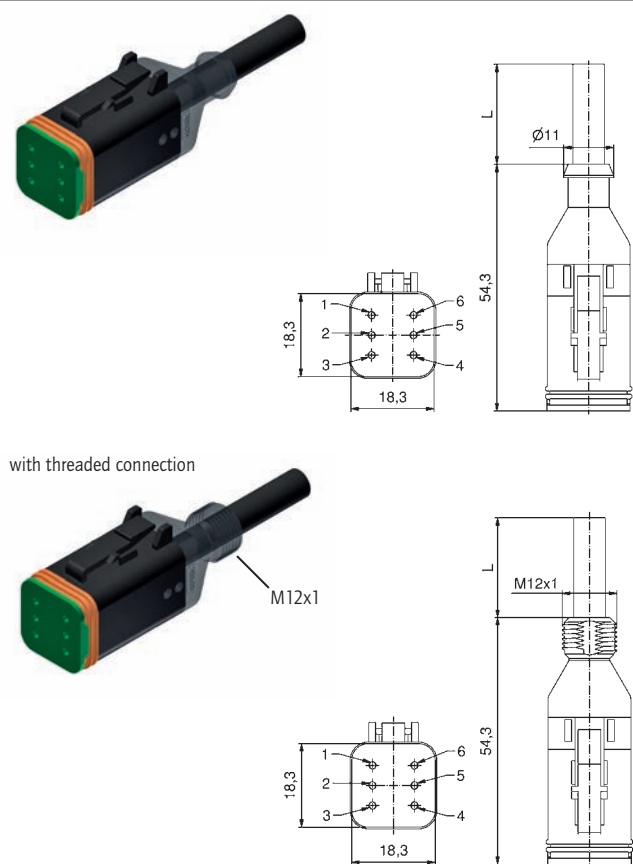
55-00500

VALVE CONNECTORS

DT-Series

DT06, 6-pos., socket contacts, without protection circuit

Contact assignment



Number of poles

Rated voltage [V]

Current rating [A]

Cable length = L [m]

Cable quality

Wire cross section [mm²]

Description

Part No.

2

DT06-6S-A/
K1/0.75/2m

55-00501

5

DT06-6S-A/
K1/0.75/5m

55-00502

10

DT06-6S-A/
K1/0.75/10m

55-00503

2

DT06-6SG-A/
K1/0.75/2m

55-00504

5

DT06-6SG-A/
K1/0.75/5m

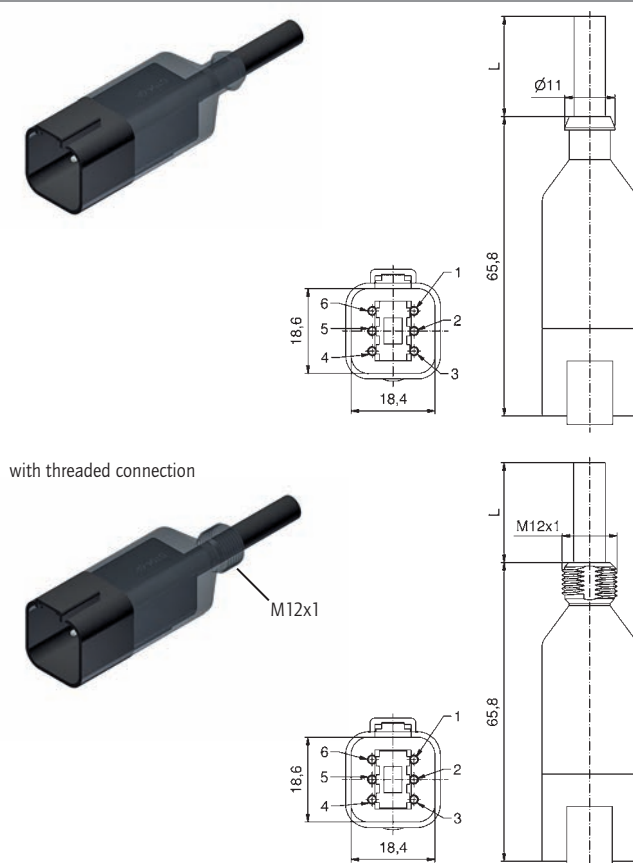
55-00505

10

DT06-6SG-A/
K1/0.75/10m

55-00506

DT04, 6-pos., plug contacts, without protection circuit



6

10 - 230 V AC/DC

6

PUR

6 x 0,75

DT04-6P-A/
K1/0.75/2m

55-00507

DT04-6P-A/
K1/0.75/5m

55-00508

DT04-6P-A/
K1/0.75/10m

55-00509

DT04-6PG-A/
K1/0.75/2m

55-00510

DT04-6PG-A/
K1/0.75/5m

55-00511

DT04-6PG-A/
K1/0.75/10m

55-00512

VALVE CONNECTORS

DT-Series

DT06, 8-pos., socket contacts, without protection circuit

Contact assignment

Number of poles

Rated voltage [V]

Current rating [A]

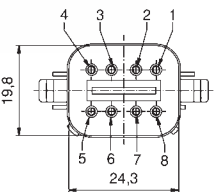
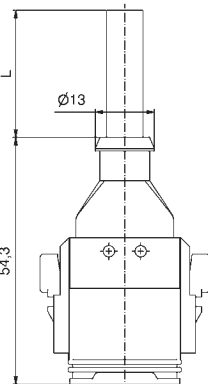
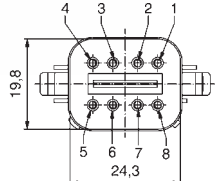
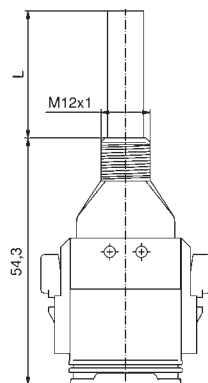
Cable length = L [m]

Cable quality

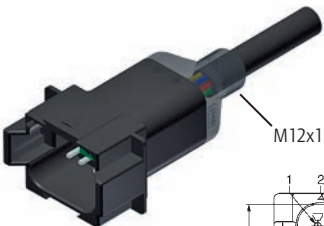
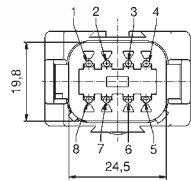
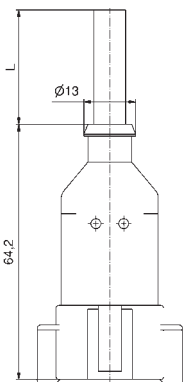
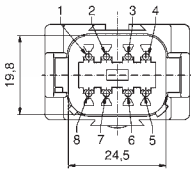
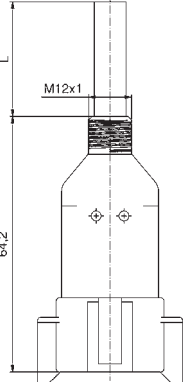
Wire cross section [mm²]

Description

Part No.

 with threaded connection  M12x1	 19.8 24.3  L Ø13 54.3	 19.8 24.3  L M12x1 54.3	Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■ Pin 5 ■ Pin 6 ■ Pin 7 ■ Pin 8 ■	8	10 - 230 V AC/DC	6	PUR	8 x 0,75	DT06-8AS-A/ K1/0.75/2m	55-00526
									DT06-8AS-A/ K1/0.75/5m	55-00527
									DT06-8AS-A/ K1/0.75/10m	55-00528
									DT06-8ASG-A/ K1/0.75/2m	55-00532
									DT06-8ASG-A/ K1/0.75/5m	55-00533
									DT06-8ASG-A/ K1/0.75/10m	55-00534

DT04, 8-pos., plug contacts DT04, without protection circuit

 with threaded connection  M12x1	 19.8 24.5  L Ø13 64.2	 19.8 24.5  L M12x1 64.2	Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■ Pin 5 ■ Pin 6 ■ Pin 7 ■ Pin 8 ■	8	10 - 230 V AC/DC	6	PUR	8 x 0,75	DT04-8AP-A/ K1/0.75/2m	55-00529
									DT04-8AP-A/ K1/0.75/5m	55-00530
									DT04-8AP-A/ K1/0.75/10m	55-00531
									DT04-8APG-A/ K1/0.75/2m	55-00535
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									DT04-8APG-A/ K1/0.75/10m	55-00537

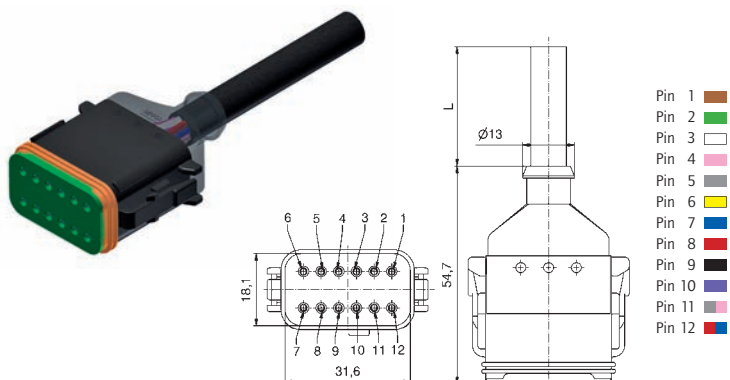
VALVE CONNECTORS

DT-Series

DT06, 12-pos., socket contacts, without protection circuit

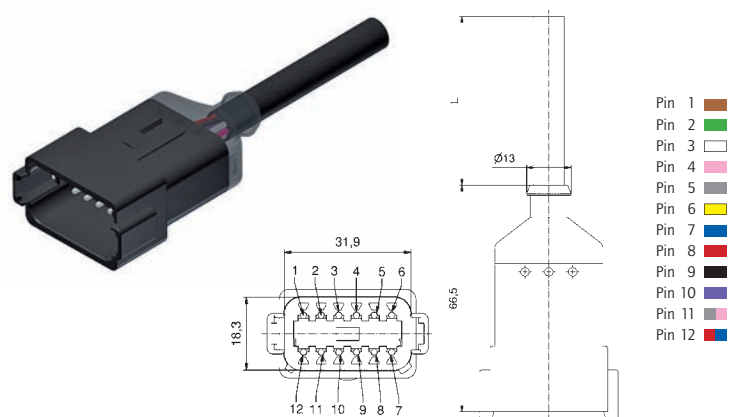
Contact assignment

Number of poles	Rated voltage [V]	Current rating [A]	Cable length = L [m]	Cable quality	Wire cross section [mm ²]	Description	Part No.
12	10 - 230 V AC/DC	5	5	PUR	12 x 0,75	DT06-12AS-A/ K1/0.75/2m	55-00553
						DT06-12AS-A/ K1/0.75/5m	55-00554
						DT06-12AS-A/ K1/0.75/10m	55-00555



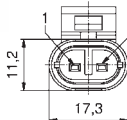
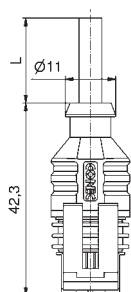
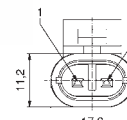
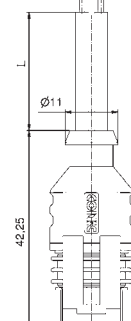
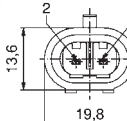
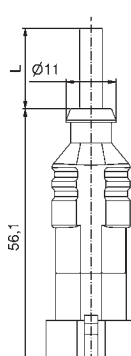
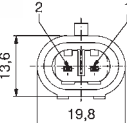
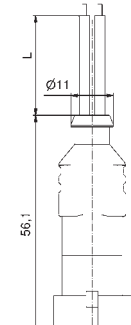
DT04, 12-pos., plug contacts, without protection circuit

12	10 - 230 V AC/DC	5	5	PUR	12 x 0,75	DT04-12AP-A/ K1/0.75/2m	55-00556
						DT04-12AP-A/ K1/0.75/5m	55-00557
						DT04-12AP-A/ K1/0.75/10m	55-00558



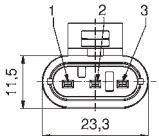
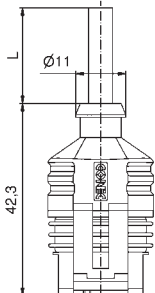
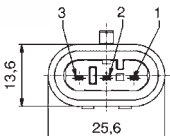
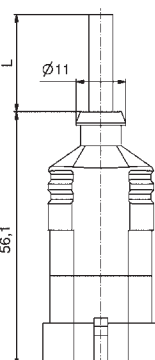
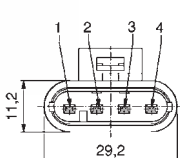
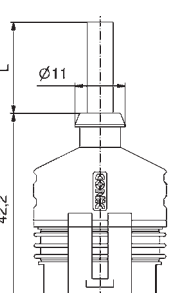
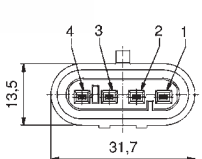
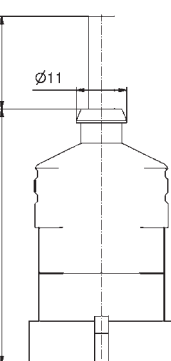
VALVE CONNECTORS

Superseal

VSS 1.5, 2-pos., socket contacts		Contact assignment	Num	Rate	Curr	Cabl	Cabl	Wire	Description	Part No.
   Pin 1  Pin 2 	2	max. 24 V DC	8	5	PUR	2 x 0,75	VSS1.5-2S-A/ K1/0.75/2m	55-00470		
							VSS1.5-2S-A/ K1/0.75/5m	55-00471		
							VSS1.5-2S-A/ K1/0.75/10m	55-00472		
VSS 1.5, 2-pos., socket contacts, single wire										
   Pin 1  Pin 2 	2	max. 24 V DC	8	2	PVC	2 x 0,75	VSS1.5-2SL-A/ A1/0.75/0,5m	55-00582		
							VSS1.5-2SL-A/ A1/0.75/2m	55-00583		
							VSS1.5-2SL-A/ A1/0.75/5m	55-00584		
VSS 1.5, 2-pos., plug contacts										
   Pin 1  Pin 2 	2	max. 24 V DC	8	5	PUR	2 x 0,75	VSS1.5-2P-A/ K1/0.75/2m	55-00466		
							VSS1.5-2P-A/ K1/0.75/5m	55-00467		
							VSS1.5-2P-A/ K1/0.75/10m	55-00468		
VSS 1.5, 2-pos., plug contacts, single wire										
   Pin 1  Pin 2 	2	max. 24 V DC	8	2	PVC	2 x 0,75	VSS1.5-2PL-A/ A1/0.75/0,5m	55-00585		
							VSS1.5-2PL-A/ A1/0.75/2m	55-00586		
							VSS1.5-2PL-A/ A1/0.75/5m	55-00587		

VALVE CONNECTORS

Superseal

VSS 1.5, 3-pos., socket contacts		Contact assignment	Num	Rate	Curr	Cabl	Cabl	Wire	Description	Part No.
   Pin 1 ■ Pin 2 ■ Pin 3 ■	3	max. 24 V DC	8	5	PUR	3 x 0,75	VSS1.5-3S-A/ K1/0.75/2m	55-00478		
							VSS1.5-3S-A/ K1/0.75/5m	55-00479		
							VSS1.5-3S-A/ K1/0.75/10m	55-00480		
VSS 1.5, 3-pos., plug contacts										
   Pin 1 ■ Pin 2 ■ Pin 3 ■	3	max. 24 V DC	8	5	PUR	3 x 0,75 mm²	VSS1.5-3P-A/ K1/0.75/2m	55-00474		
							VSS1.5-3P-A/ K1/0.75/5m	55-00475		
							VSS1.5-3P-A/ K1/0.75/10m	55-00476		
VSS 1.5, 4-pos., socket contacts										
   Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■	4	max. 24 V DC	7	5	PUR	4 x 0,75	VSS1.5-4S-A/ K1/0.75/2m	55-00595		
							VSS1.5-4S-A/ K1/0.75/5m	55-00596		
							VSS1.5-4S-A/ K1/0.75/10m	55-00597		
VSS 1.5, 4-pos., plug contacts										
   Pin 1 ■ Pin 2 ■ Pin 3 ■ Pin 4 ■	4	max. 24 V DC	7	5	PUR	4 x 0,75	VSS1.5-4P-A/ K1/0.75/2m	55-00598		
							VSS1.5-4P-A/ K1/0.75/5m	55-00599		
							VSS1.5-4P-A/ K1/0.75/10m	55-00600		

SECTION 12

ACCESSORIES



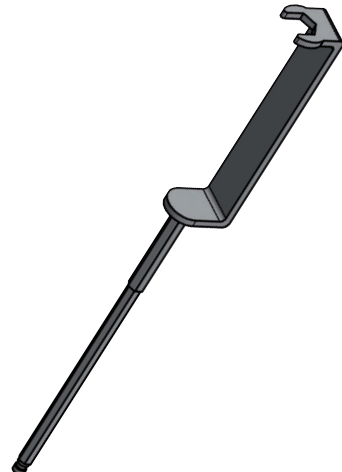
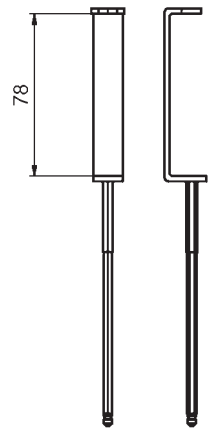


ACCESSORIES

Torque wrench

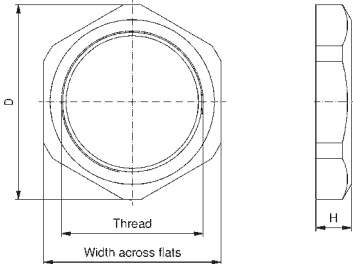
	Width across flats	Description	Part No.
 colour: grey logo colour: white colour: black colour: grey  colour: black		Torque 0.5-1.7Nm	36-000200

Plug insert for torque wrench

  78	SW9		36-000210
	SW10		36-000270
	SW12		36-000470
	SW13		36-000220
	SW14		36-000370
	SW15		36-000320
	SW17		36-000230
	SW18		36-000240
	SW19		36-000250

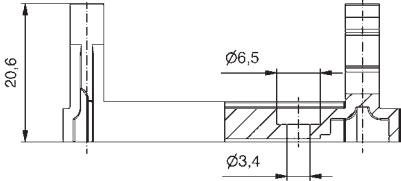
ACCESSORIES

Hex nut

 	Thread	Width across flats	Outer Ø = D [mm]	Height = H [mm]	Material	Description	Part No.
	M8x0,5	SW10	11	2	CuZn		42-01046
	M8x0,5	SW10	11	2	VA		42-01082
	M10x1	SW12	13,5	2,5	CuZn		42-01508
	M12x1	SW15	17	2,8	CuZn		43-01716
	M16x1,5	SW18	20	2,65	CuZn		43-01155
	PG9	SW18	20	2,8	CuZn		43-01156
	PG11	SW21	23	3	CuZn		41-40036
	PG13,5	SW23	25	3	CuZn		41-40029

Tool holder

For T-splitter M12x1

 					PA		43-05163
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ACCESSORIES

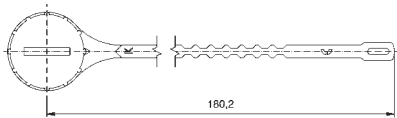
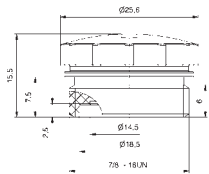
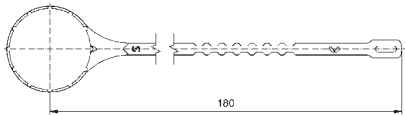
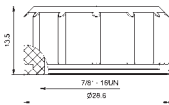
Protection caps

M8x1 thread																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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ACCESSORIES

Protection caps

7/8"



Material protection cap

Material loop

Temperature range

Degree of protection

Recommended torque [Nm]

Description

Part No.

PA GF

PA GF

-30°C
up to +100°C

IP67

0.8

Male connector

41-01478

PA GF

TPU-V

-30°C
up to +100°C

IP67

0.8

Male connector
with loop

41-01479

PA GF

PA GF

-30°C
up to +100°C

IP67

0.8

Female connector

41-01476

PA GF

TPU-V

-30°C
up to +100°C

IP67

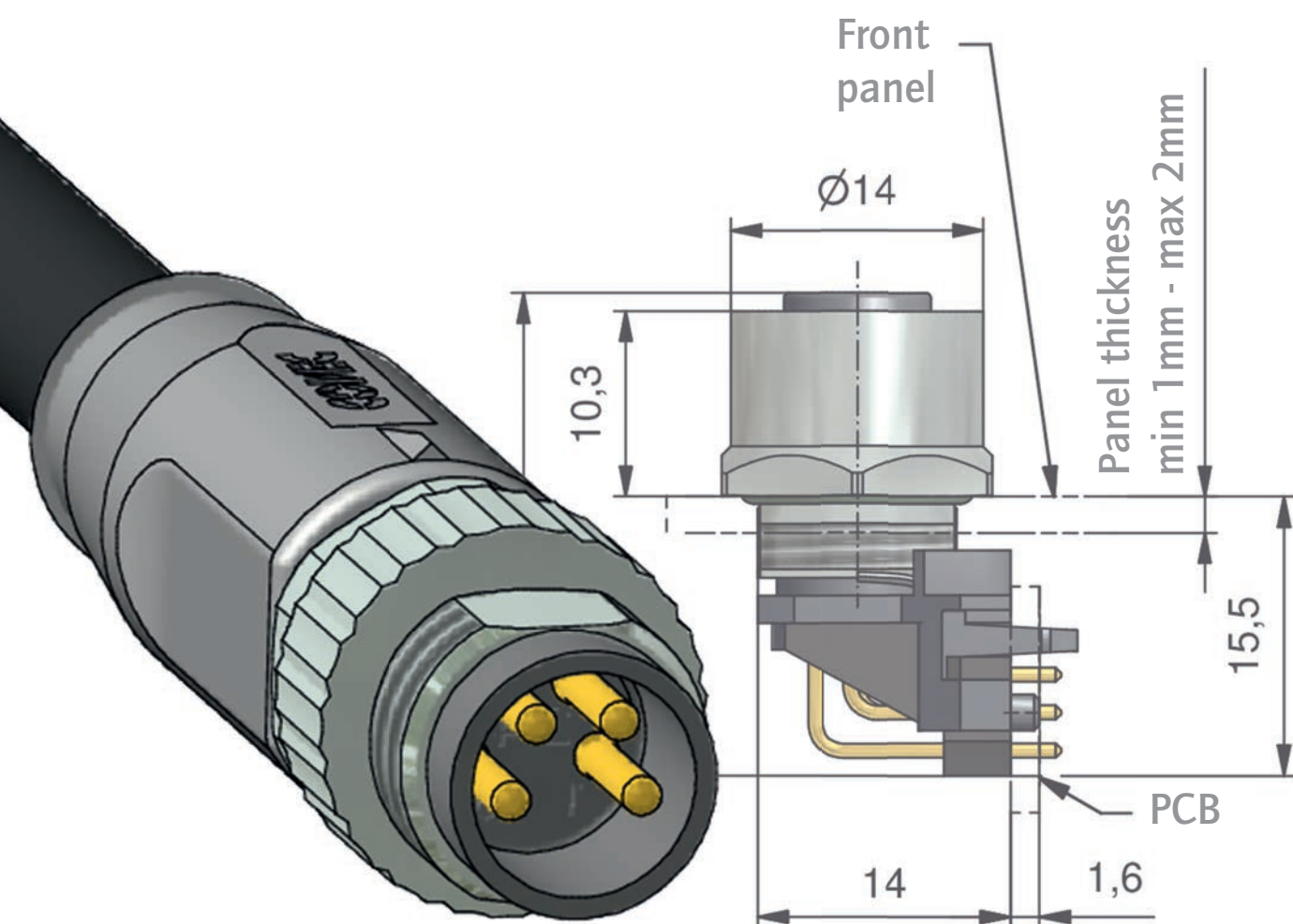
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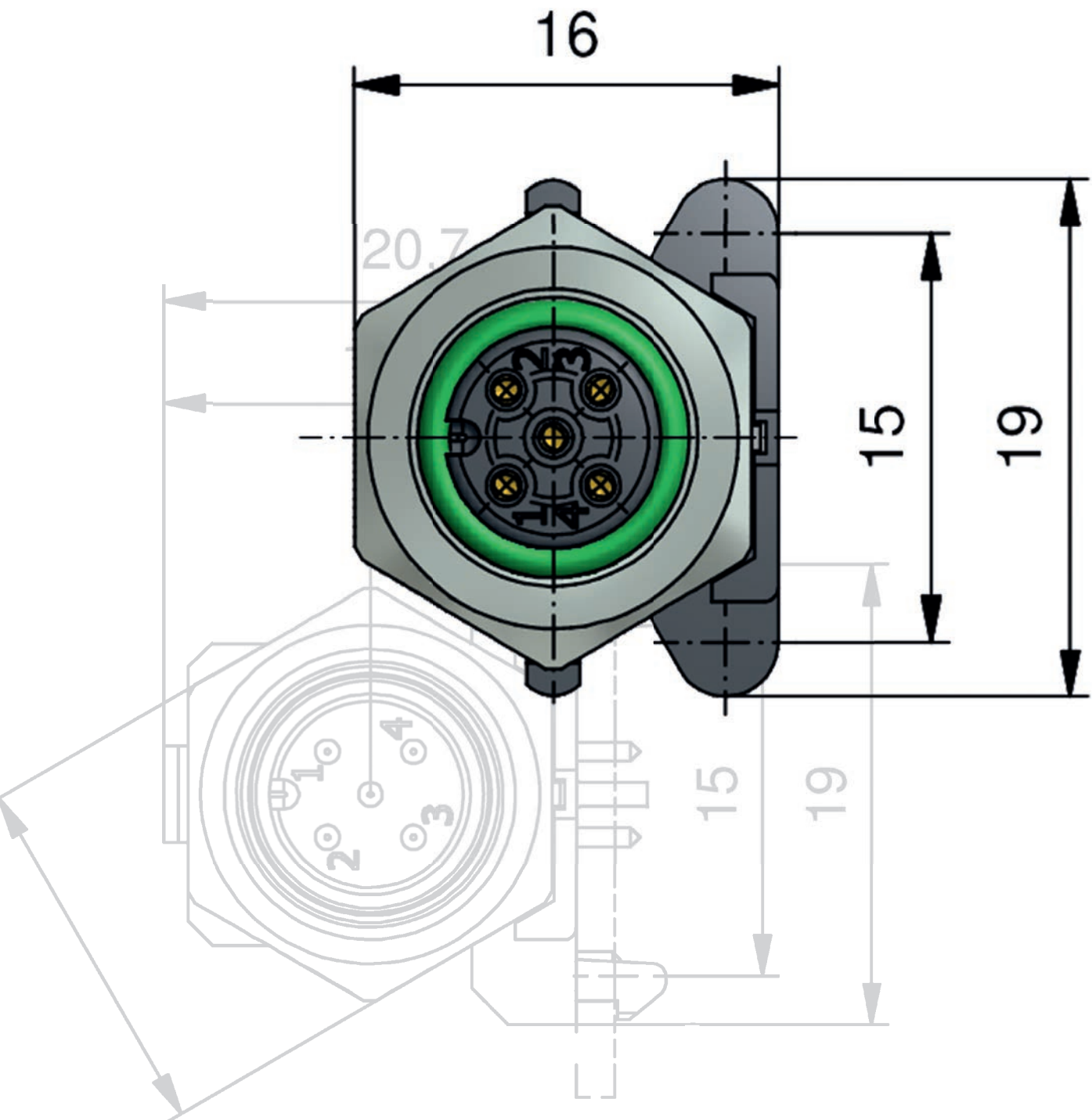
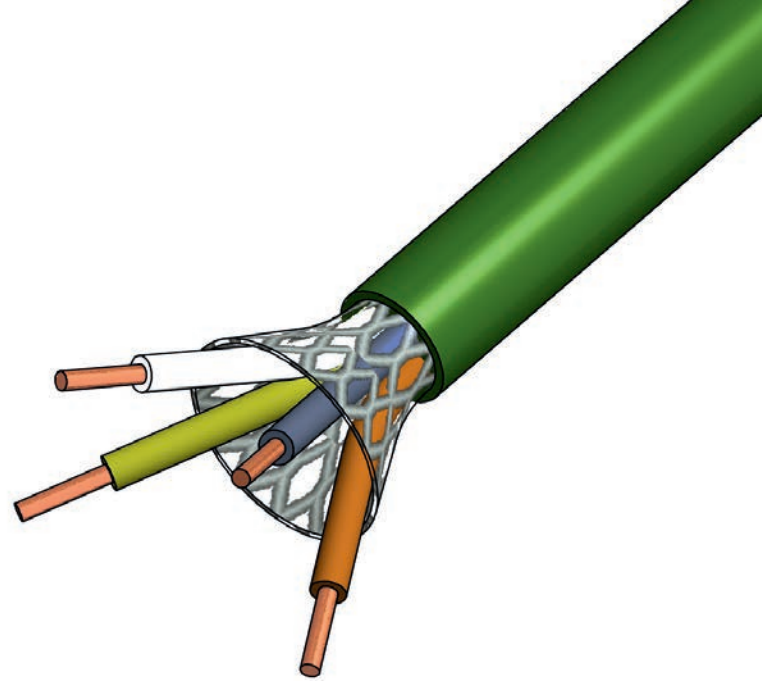
Female connector
with loop

41-01477

SECTION 13

TECHNICAL INFORMATION





TECHNICAL INFORMATION
Cable qualities

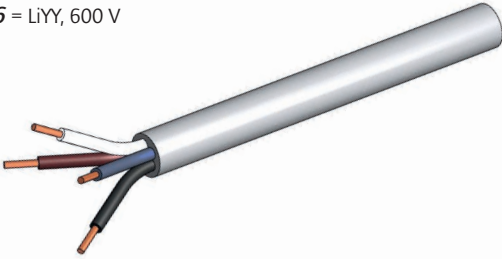
Cable unshielded

PVC

A1 = LiYY

A3 = LiYY, 300 V

A6 = LiYY, 600 V



W	Nu	Cc	Cc	Wire colors	Datasheet No.
0.14	8	grey	UL 2464	WH - BN - GN - YE - GY - PK - BU - RD	781- A1 1800
	12			BN - BU - WH - GN - PK - YE - BK - GY - RD - VT - GY/PK - RD/BU	781- A3 1120
0.25	3	grey		BN - BU - BK	781- A1 2300
	4			BN - WH - BU - BK	781- A1 2400
	5			BN - WH - BU - BK - GN/YE	781- A1 2500
				BN - WH - BU - BK - GY	781- A1 250G
	6			BN - WH - BU - BK - GY - PK	781- A1 2600
	8			WH - BN - GN - YE - GY - PK - BU - RD	781- A1 2800
0.34	3	grey		BN - BU - BK	781- A1 3300
				BN - BU - GN/YE	781- A1 330G
	4			BN - WH - BU - BK	781- A1 3400
				BN - BK - BU - GN/YE	781- A1 340G
	5			BN - WH - BU - BK - GY	781- A1 350G
				BN - WH - BU - BK - GN/YE	781- A1 3500
0.5	3	grey		BN - BU - BK	781- A1 530G
	4			BN - WH - BU - BK	781- A1 5400
0.75	3	grey	cULus 20207	BN - BU - GN/YE	781- A6 7300
	4		UL 2464	BN - WH - BU - BK	781- A3 7400
	5			BU - BK - WH - BN - GN/YE	781- A3 7500
	7			WH - BN - GN - YE - GY - PK - GN/YE	781- A3 7700
1.5	3	grey	cULus 20207	BN - BU - GN/YE	781- A6 8300
	4		UL 2464	BN - BU - BK - GN/YE	781- A3 8400
				BN - WH - BU - BK	781- A3 840G
				5	BU - BK - WH - BN - GN/YE
2.5	3	grey	cULus 20207	BN - BU - GN/YE	781- A6 9300
	5			BU - BK - WH - BN - GN/YE	781- A6 9500

TECHNICAL INFORMATION
Cable qualities

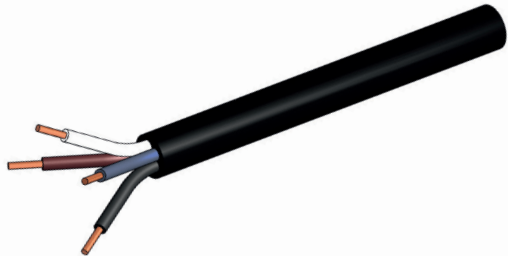
Cable unshielded

TPU, halogenfree, for drag chain applications

K0 = Li9Y11Y, 600 V, halogenfree, for drag chain applications

K1 = Li9Y11Y, 300 V, halogenfree, for drag chain applications

H5 = Li9Y11Y, halogenfree, for many different applications



Wire cross section [mm ²]	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.
0.14	8	black	cULus 20549	WH - BN - GN - YE - GY - PK - BU - RD	781- K1 1800
	12			BN - BU - WH - GN - PK - YE - BK - GY - RD - VT - GY/PK - RD/BU	781- K1 1120
0.14/0.34	3/ 2	black	UL 20549 / 10152	BN (0,34) - WH - BU(0,34) - BK - GY	781- H5 004H
0.25	3	black	cULus 20549	BN - BU - BK	781- K1 2300
	4			BN - WH - BU - BK	781- K1 2400
	5			BN - WH - BU - BK - GY	781- K1 2500
				BN - WH - BU - BK - GN/YE	781- K1 250G
	6			BN - WH - BU - BK - GY - PK	781- K1 2600
	8			WH - BN - GN - YE - GY - PK - BU - RD	781- K1 2800
0.34	3	black	cULus 20549	BN - BU - BK	781- K1 3300
				BN - BU - GN/YE	781- K1 330G
	4			BN - WH - BU - BK	781- K1 3400
				BN - BK - BU - GN/YE	781- K1 340G
	5			BN - WH - BU - BK - GY	781- K1 350G
				BN - WH - BU - BK - GN/YE	781- K1 3500
0.34 / 1.0	8/ 3	black	UL 20549	GY - RD/BU - GN - BU (1,0) - GY/PK - WH/GN - GN/YE (1,0) - BN/GN - WH - YE - BN (1,0)	781- K1 007H
	16/3			RD - VT - GY - RD/BU - GN - BU (1,0) - GY/PK - WH/GN - WH/YE - WH/GY - BK - GN/YE (1,0) - BN/GN - WH - YE - PK - GY/BN - BN (1,0), YE/BN	781- K1 006H
0.5	3	black	cULus 20549	BN - BU - BK	781- K1 5300
	4			BN - WH - BU - BK	781- K1 5400
0.75	2	black	cULus 20549	BN - BU	781- K1 7200
	3			BN - BU - GN/YE	781- K1 7300
				BN - BU - BK	781- K1 730G
	4		cULus 20940	BN - BU - GN/YE	781- K0 7300
				BN - BU - BK - GN/YE	781- K1 7400
			cULus 20549	BN - WH - BU - BK	781- K1 740G
	5			BN - WH - BU - BK - GN/YE	781- K1 7500
	12			BN - BU - WH - GN - PK - YE - BK - GY - RD - VT - GY/PK - RD/BU	781- K1 7120

TECHNICAL INFORMATION
Cable qualities

Cable unshielded

TPU, halogenfree, for drag chain applications

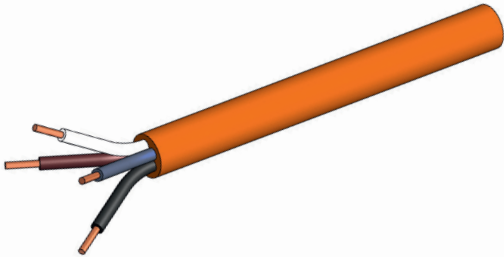
K0 = Li9Y11Y, 600 V, halogenfree, for drag chain applications
K1 = Li9Y11Y, 300 V, halogenfree, for drag chain applications



Wire cross section [mm²]	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.
1.5	2	black	cULus 20549	BN - BU	781- K1 8200
	3			BN - BU - GN/YE	781- K0 8300
	4			BN - BU - BK - GN/YE	781- K1 8400
	4			BN - WH - BU - BK	781- K1 840G
	5			BN - WH - BU - BK - GN/YE	781- K1 8500
2.5	3	black	cULus 20940	BN - BU - GN/YE	781- K0 9300
	5			BN - WH - BU - BK - GN/YE	781- K0 9500

TPU, irradiated

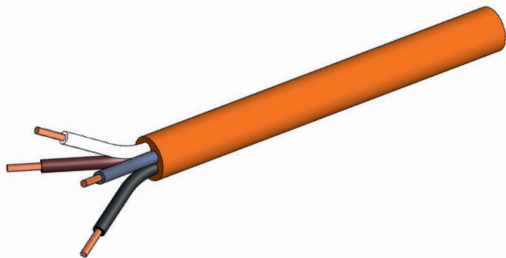
J1 = Li12Y11X, 300 V, halogenfree, for drag chain applications, welding spatter resistant



0.34	3	orange	cULus 20549	BN - BU - BK	781- J1 3300
	4			BN - WH - BU - BK	781- J1 3400
	5			BN - WH - BU - BK - GN/YE	781- J1 3500

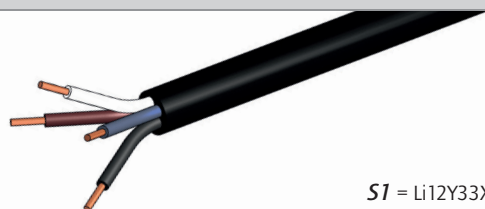
PP

P1 = Li12Y9Y, halogenfree



0.25	3	orange		BN - BU - BK	781- P1 2300
	4			BN - WH - BU - BK	781- P1 2400
0.34	4	orange		BN - WH - BU - BK	781- P1 3400
	5			BN - WH - BU - BK - GN/YE	781- P1 3500

TPE

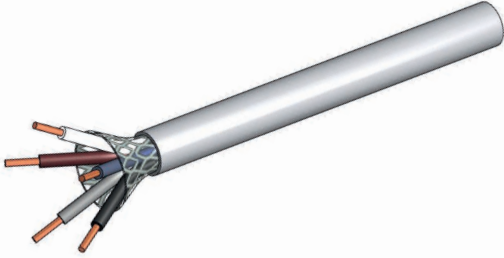


S1 = Li12Y33X, halogenfree, welding spatter resistant

0.34	4	black		BN - WH - BU - BK	781- S1 3400
	5			BN - WH - BU - BK - GN/YE	781- S1 3500

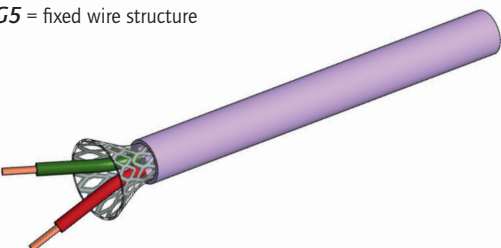
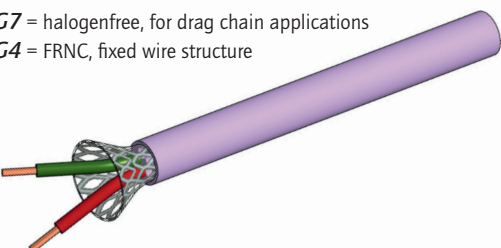
TECHNICAL INFORMATION
Cable qualities

Cable shielded

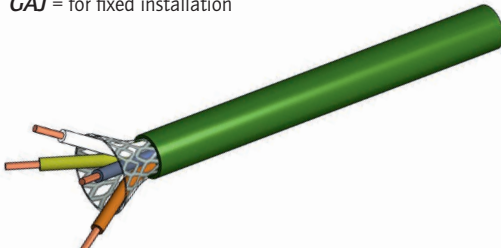
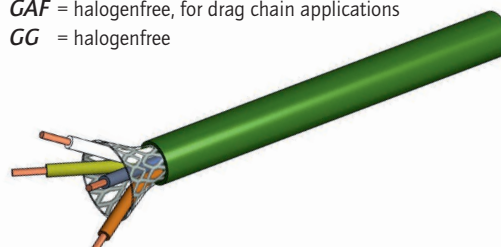
PVC	Wire cross section [mm ²]	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.
G3 = LiYFCY, 300 V GOA = LiYFCY, 1000 V 	0.14	8	grey	cULus 2464	WH - BN - GN - YE - GY - PK - BU - RD	781- G3 1800
		12			BN - BU - WH - GN - PK - YE - BK - GY - RD - VT - GY/PK - RD/BU	781- G3 1120
	0.25	3	grey	cULus 2464	BN - BU - BK	781- G3 2300
		4			BN - WH - BU - BK	781- G3 2400
		5			BN - WH - BU - BK - GY	781- G3 2500
		8			WH - BN - GN - YE - GY - PK - BU - RD	781- G3 2800
	0.34	4	grey	cULus 2464	BN - WH - BU - BK	781- G3 3400
	1.5	4	orange	UL 2570	SW1 - SW2 - SW3 - GN/YE	781- GOA 8400
TPU, halogenfree						
G2 = Li9YC11Y, 300 V, halogenfree, for many different applications GOB = Li9YC11Y, 1000 V, halogenfree, for drag chain applications 	0.14	8	black	cULus 20549	WH - BN - GN - YE - GY - PK - BU - RD	781- G2 1800
		12			BN - BU - WH - GN - PK - YE - BK - GY - RD - VT - GY/PK - RD/BU	781- G2 1120
	0.25	3	black	cULus 20549	BN - BU - BK	781- G2 2300
		4			BN - WH - BU - BK	781- G2 2400
		5			BN - WH - BU - BK - GY	781- G2 2500
		8			WH - BN - GN - YE - GY - PK - BU - RD	781- G2 2800
	0.34	4	black	cULus 20549	BN - WH - BU - BK	781- G2 3400
	1.5	4	orange	UL 21223	SW1 - SW2 - SW3 - GN/YE	781- GOB 8400

TECHNICAL INFORMATION Cable qualities

Profibus DP Datacable shielded

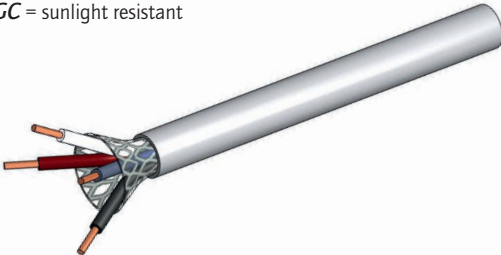
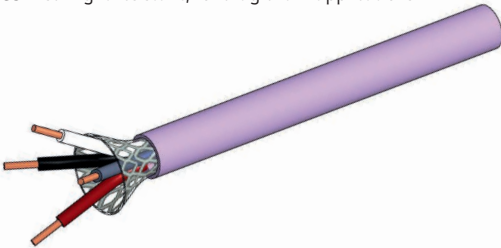
PVC	Wire cross section	Number of wires	Color cable jacket	Certification	Wire colors	Datasheet No.
G5 = fixed wire structure 	AWG 22	2	violet	yes	RD - GN	781- G5 3200
TPU						
G7 = halogenfree, for drag chain applications G4 = FRNC, fixed wire structure 	AWG 23	2	violet	yes	RD - GN	781- G7 0200
	AWG 22	2		yes	RD - GN	781- G4 3200

Ethernet Datacable shielded

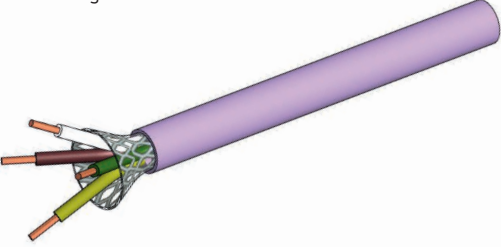
PVC						
GAJ = for fixed installation 	AWG 24	4x2	green	UL 2464	WSBU/BU - WSOG/OG - WSGN/GN - WSBR/BN	781- GAJ 080T
TPU						
G6 = UV resistant, for drag chain applications GD = halogenfree, for drag chain applications GAF = halogenfree, for drag chain applications GG = halogenfree 	0,15 mm²	4	green	UL 20963	WSBU - BU - WSOR - OR	781- GD 1400
	AWG 22	4		yes	YE - WH - BU - OR	781- G6 3400
	AWG 24	4		UL 20236	YE - WH - BU - OR	781- GAF 3400
		4x2			WSBU/BU - WSOG/OG - WSGN/GN - WSBR/BN	781- GAF 080T
	AWG 26	4x2	water-blue		WSBU/BU - WSOG/OG - WSGN/GN - WSBR/BN	781- GG 180T

TECHNICAL INFORMATION
Cable qualities

DeviceNet
Data cable shielded

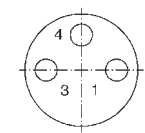
PVC		Wire cross section [AWG]	Number of wires	Cable color	Certification	Wire colors	Datasheet No.
GC = sunlight resistant 	AWG 22 + AWG 23	2x2	grey	yes	RD - BK - WH - BU	781- GC 001H	
	AWG 15 + AWG 18	2x2		yes	RD - BK - WH - BU	781- GC 003H	
TPU							
GJ = sunlight resistant, for drag chain applications 	AWG 22 + AWG 23	2x2	violet	yes	RD - BK - WH - BU	781- GJ 0400	

CAN-Bus
Data cable shielded

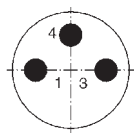
PVC						
GU = halogenfree 	AWG 24	4	violet		WH - YE - BN - GN	781- GU 2400

Pin and contact assignments

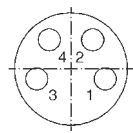
M8x1



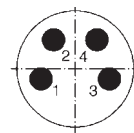
Female connector
3-pos.



Male connector
3-pos.

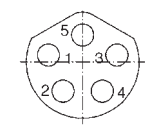


Female connector
4-pos.

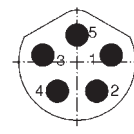


Male connector
4-pos.

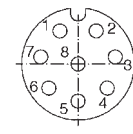
Pin	3-pos. A-coded	4-pos. A-coded	4.78-pos. A-coded
1			
2			
3			
4			



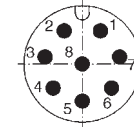
Female connector
5-pos.
B-coded



Male connector
5-pos.
B-coded



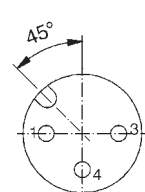
Female connector
8-pos.



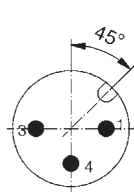
Male connector
8-pos.

Pin	5-pos. B-coded	8-pos. A-coded
1		
2		
3		
4		
5		
6		
7		
8		

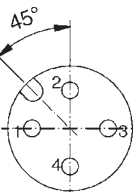
M12x1 A-coded



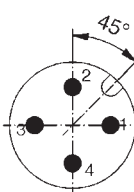
Female connector
3-pos.



Male connector
3-pos.

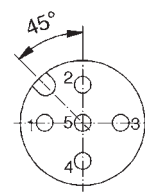


Female connector
4-pos.

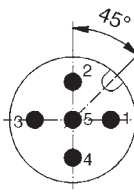


Male connector
4-pos.

Pin	3-pos. A-coded	4-pos. A-coded	4.41-pos. CAN-Bus
1			
2			
3			
4			

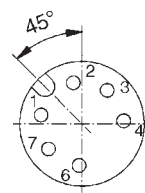


Female connector
5-pos.

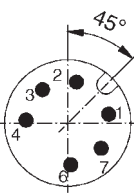


Male connector
5-pos.

Pin	5-pos. A-coded	5.1-pos. A-coded	5.3-pos. DeviceNet
1			Shielding
2			
3			
4			
5			

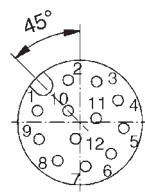


Female connector
6-pos.

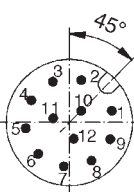


Male connector
6-pos.

Pin	6-pos. A-coded	8-pos. A-coded
1		
2		
3		
4		
5		
6		
7		
8		



Female connector
12-pos.

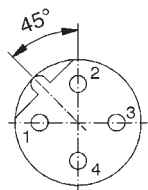


Male connector
12-pos.

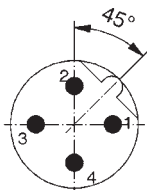
Pin	12-pos. A-coded
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	

Pin and contact assignments

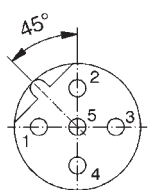
M12x1 B-coded



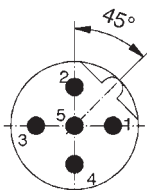
Female connector
4-pos.



Male connector
4-pos.



Female connector
5-pos.

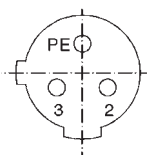


Male connector
5-pos.

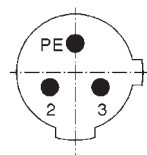
Pin	4.1-pos. Profibus DP	4.3-pos. Profibus DP
1	—	—
2	—	—
3	—	—
4	—	—

Pin	5.1-pos. B-coded
1	—
2	—
3	—
4	—
5	—

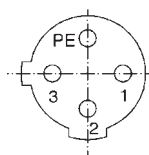
M12x1 C-coded



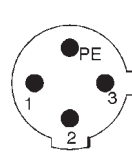
Female connector
2-pos.+PE



Male connector
2-pos.+PE



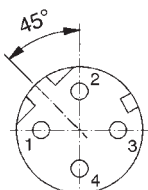
Female connector
3-pos.+PE



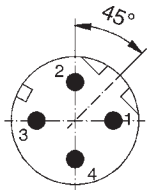
Male connector
3-pos.+PE

Pin	2-pos.+PE C-coded	3-pos.+PE C-coded
1	—	—
2	—	—
3	—	—
4	—	—

M12x1 D-coded



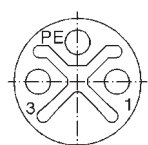
Female connector
4-pos.



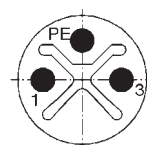
Male connector
4-pos.

Pin	4.2-pos. D-coded	4.24-pos. D-coded
1	—	—
2	—	—
3	—	—
4	—	—

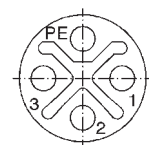
M12x1 S-coded



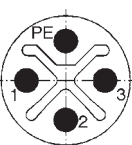
Female connector
2-pos.+PE



Male connector
2-pos.+PE



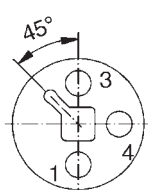
Female connector
3-pos.+PE



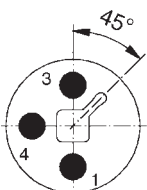
Male connector
3-pos.+PE

Pin	2-pos.+PE S-coded	3-pos.+PE S-coded
1	—	—
2	—	—
3	—	—
PE	—	—

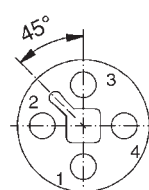
M12x1 T-coded



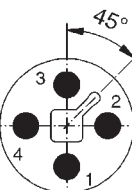
Female connector
3-pos.



Male connector
3-pos.



Female connector
4-pos.

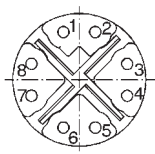


Male connector
4-pos.

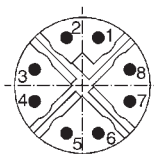
Pin	3-pos. T-coded	4-pos. T-coded
1	—	—
2	—	—
3	—	—
4	—	—

Pin and contact assignments

M12x1 X-coded

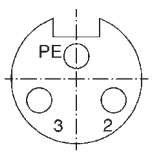


Female connector
8-pos.

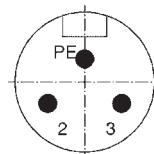


Male connector
8-pos.

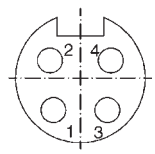
7/8"



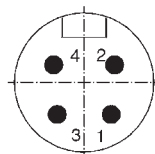
Female connector
2-pos.+PE



Male connector
2-pos.+PE

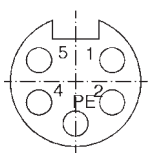


Female connector
4-pos.

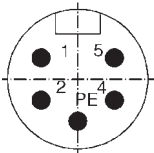


Male connector
4-pos.

Pin	2-pos.+PE	4-pos.
PE		
1		
2		
3		
4		



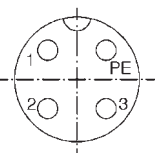
Female connector
4-pos.+PE



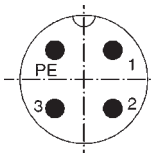
Male connector
4-pos.+PE

Pin	4-pos.+PE
1	
2	
PE2	
4	
5	

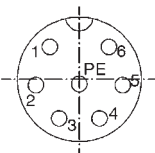
Rund24



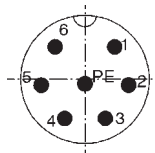
Female connector
3-pos.+PE



Male connector
3-pos.+PE



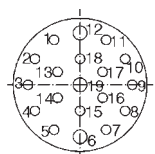
Female connector
6-pos.+PE



Male connector
6-pos.+PE

Pin	3-pos.+PE	6-pos.+PE
1		
2		
3		
4		
5		
6		
PE		

M23

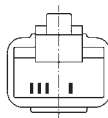


Female connector

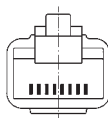
Pin	16.8+3	16+3
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

Pin and contact assignments

RJ45



Male connector

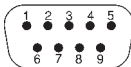


Male connector

Pin	8.36-pos.
1	
2	
3	
4	
5	
6	
7	
8	

Pin	8.31-pos.	8.33-pos.
1		
2		
3		
4		
5		
6		
7		
8		

D-SUB



Male connector

Pin	9-pos.
1	
2	
3	 (PDP B)
4	
5	Data ground
6	Power supply plus
7	
8	 (PDP A)
9	

Coding

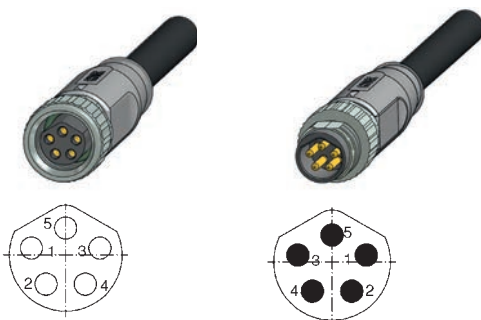
M8x1 A-coded



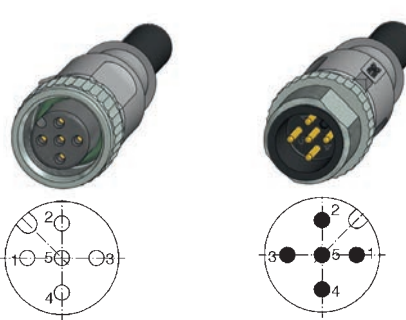
M8x1 A-coded (8-pos.)



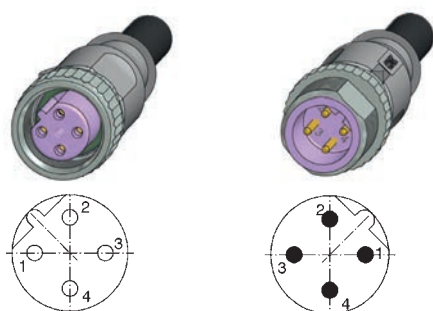
M8x1 B-coded



M12x1 A-coded



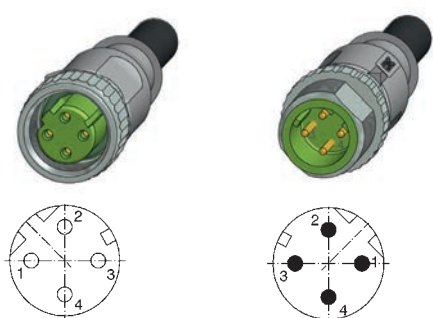
M12x1 B-coded



M12x1 C-coded



M12x1 D-coded



M12x1 S-coded



M12x1 T-coded

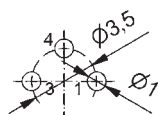


M12x1 X-coded

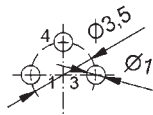


PCB-Layouts and installation space dimensions M8x1

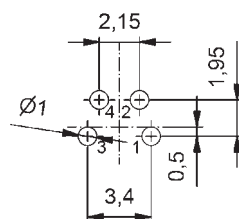
One-piece sockets, installation height 5.5 mm



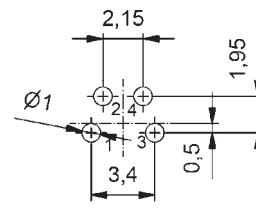
Female connector
3-pos.



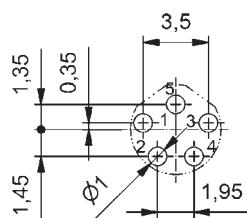
Male connector
3-pos.



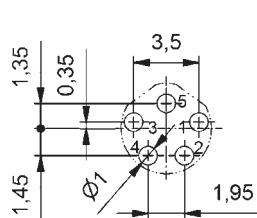
Female connector
4-pos.



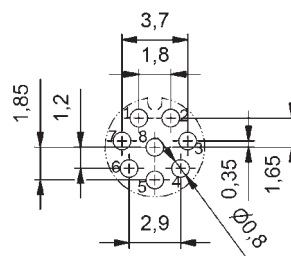
Male connector
4-pos.



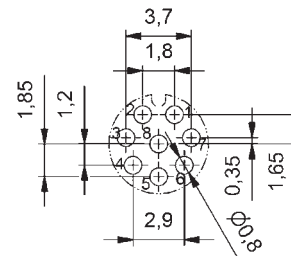
Female connector
5-pos.
B-coded



Male connector
5-pos.
B-coded



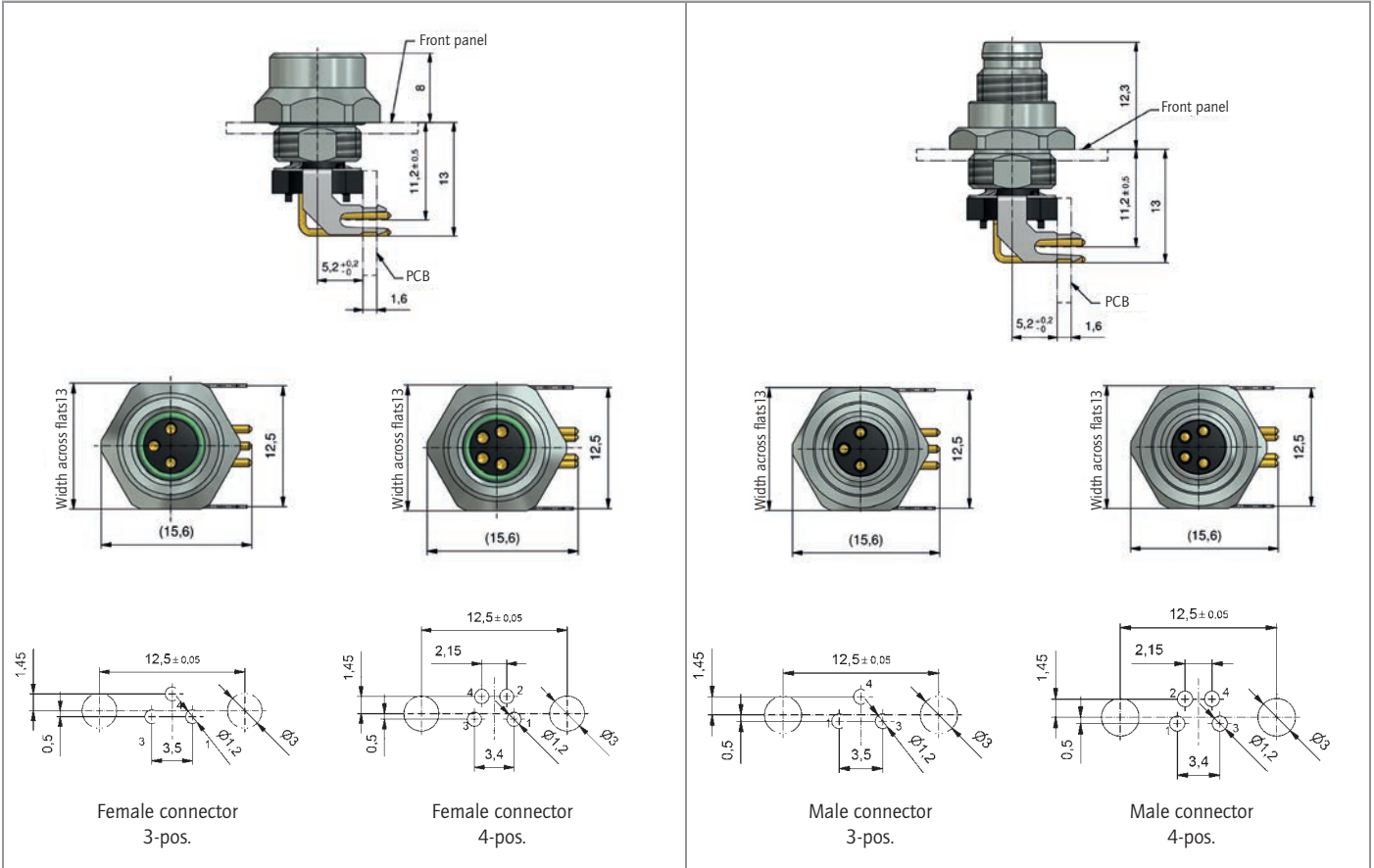
Female connector
8-pos.



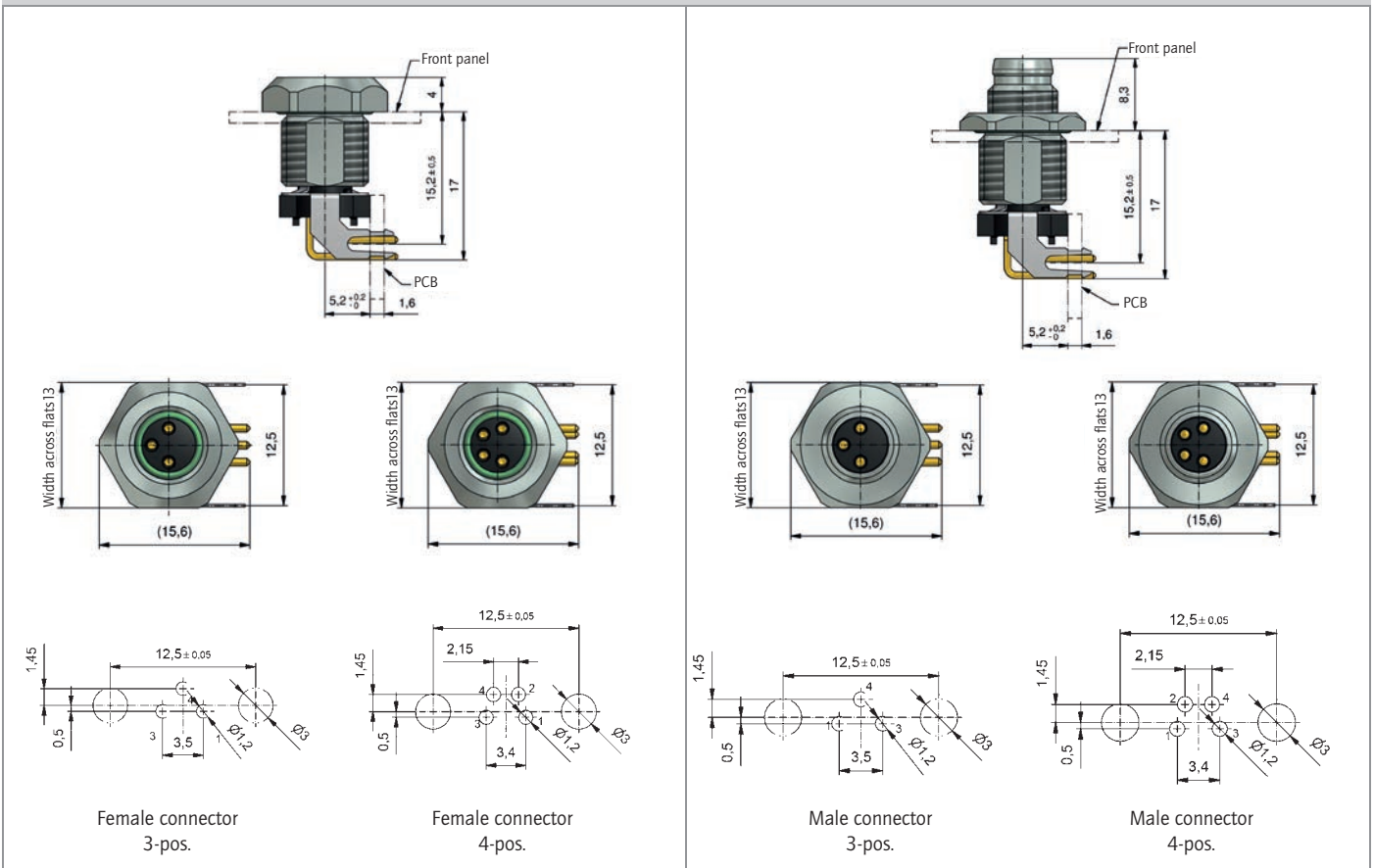
Male connector
8-pos.

PCB-Layouts and installation space dimensions
M8x1

Sockets shielded, angled, installation height 11.2 mm

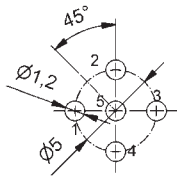


Sockets shielded, angled, installation height 15.2 mm

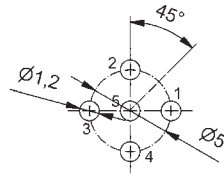


PCB-Layouts and installation space dimensions M12x1

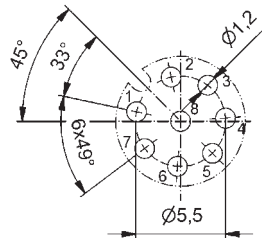
One-piece sockets, installation height 5.5 mm and 12 mm



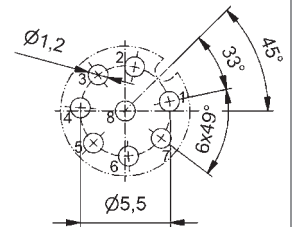
Female connector
4-5-pos.
A/B/D-coded



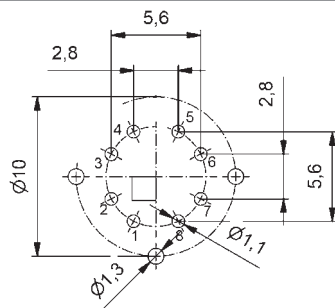
Male connector
4-5-pos.
A/B/D-coded



Female connector
8-pos.
A-coded

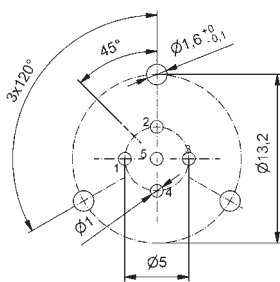


Male connector
8-pos.
A-coded

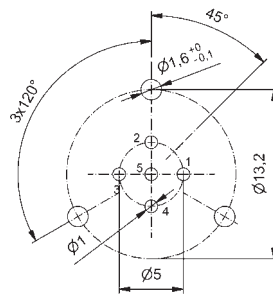


Male connector
8-pos.
X-coded

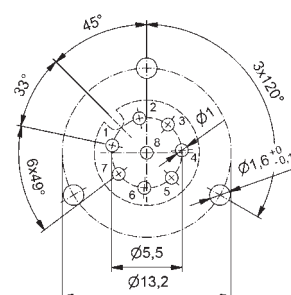
One-piece sockets with shielding, installation height 6.75 mm



Female connector
4-5-pos.
A/B/D-coded



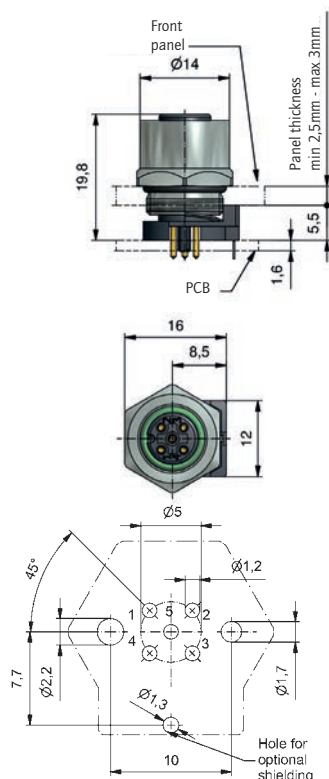
Male connector
4-5-pos.
A/B/D-coded



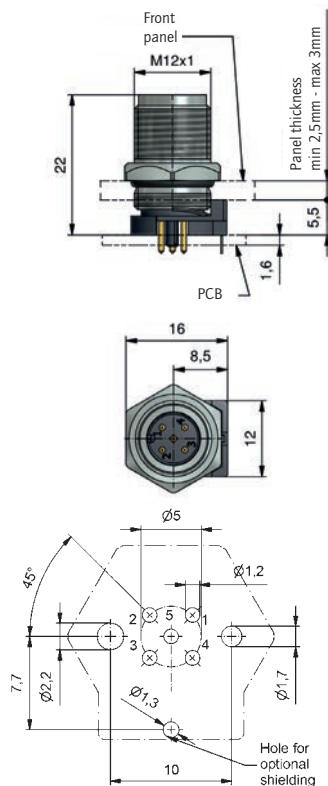
Female connector
8-pos.
A-coded

PCB-Layouts and installation space dimensions M12x1

Two-piece sockets, installation height 5.5 mm

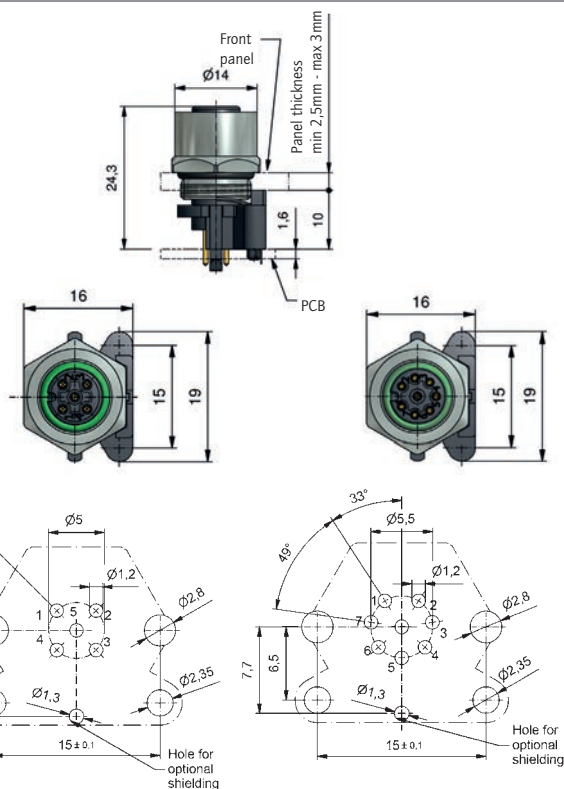


Female connector
4-5-pos.
A/B/D-coded



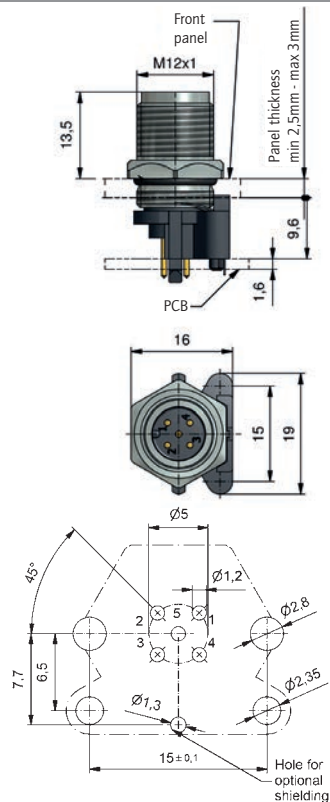
Male connector
4-5-pos.
A/B/D-coded

Two-piece sockets, installation height 10 mm



Female connector
4-5-pos.
A/B/D-coded

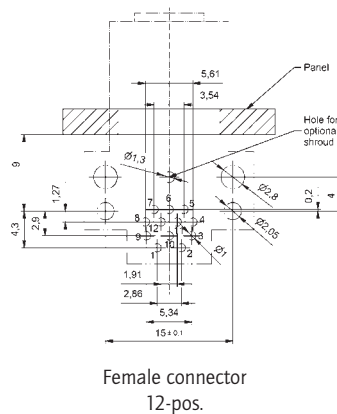
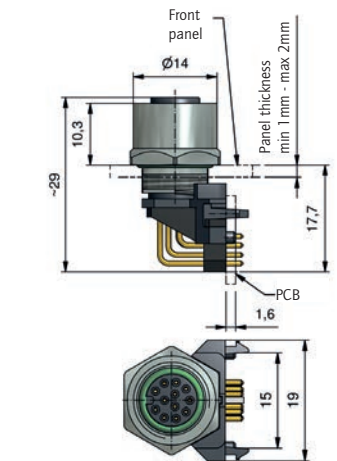
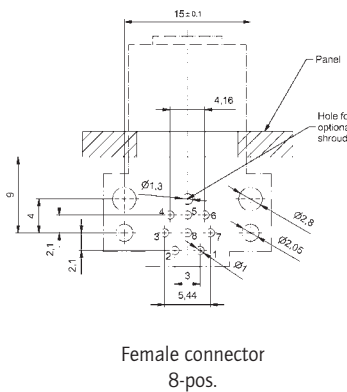
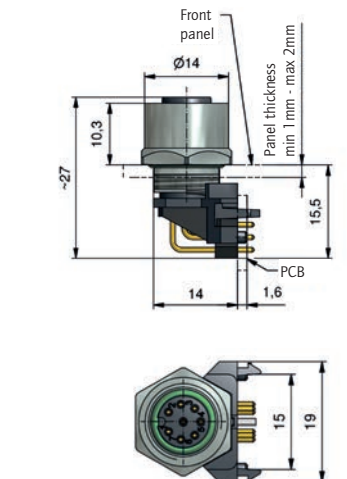
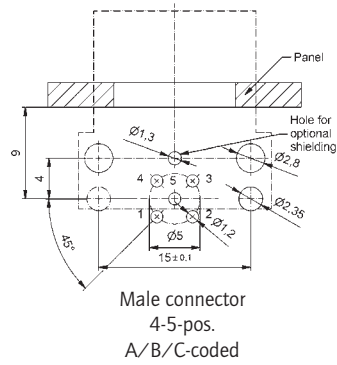
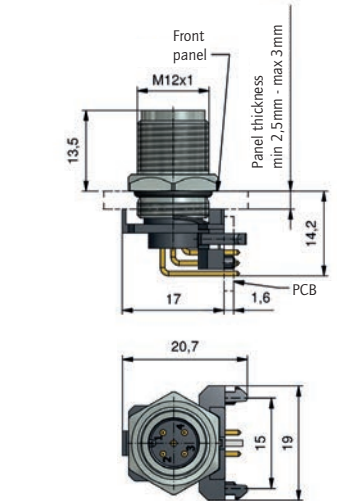
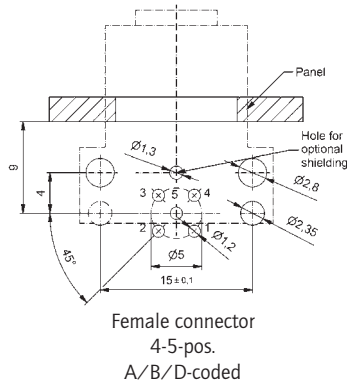
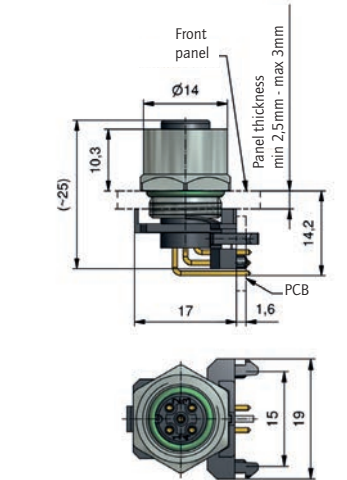
Female connector
8-pos.
A-coded



Male connector
4-5-pos.
A/B/D-coded

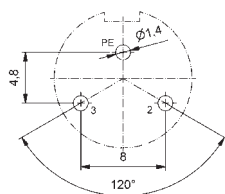
PCB-Layouts and installation space dimensions M12x1

Two-piece sockets, angled

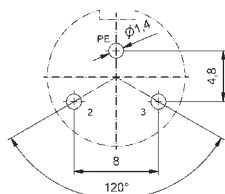


PCB-Layouts and installation space dimensions 7/8"

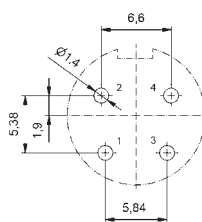
One-piece sockets



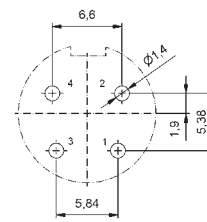
Female connector
2-pos.+PE



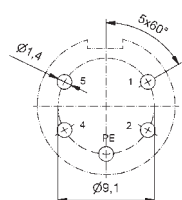
Male connector
2-pos.+PE



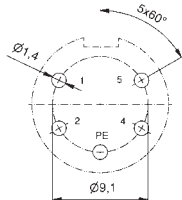
Female connector
4-pos.



Male connector
4-pos.

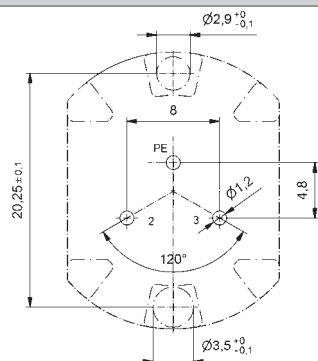


Female connector
4-pos.+PE

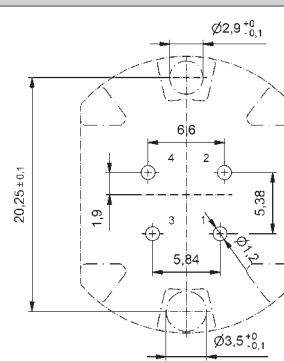


Male connector
4-pos.+PE

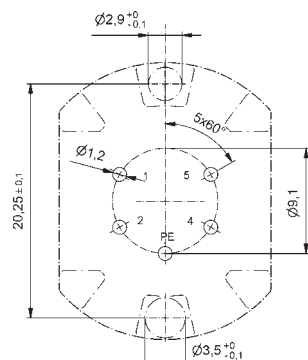
Two-piece sockets, installation height 10 mm



Male connector
2-pos.+PE



Male connector
4-pos.

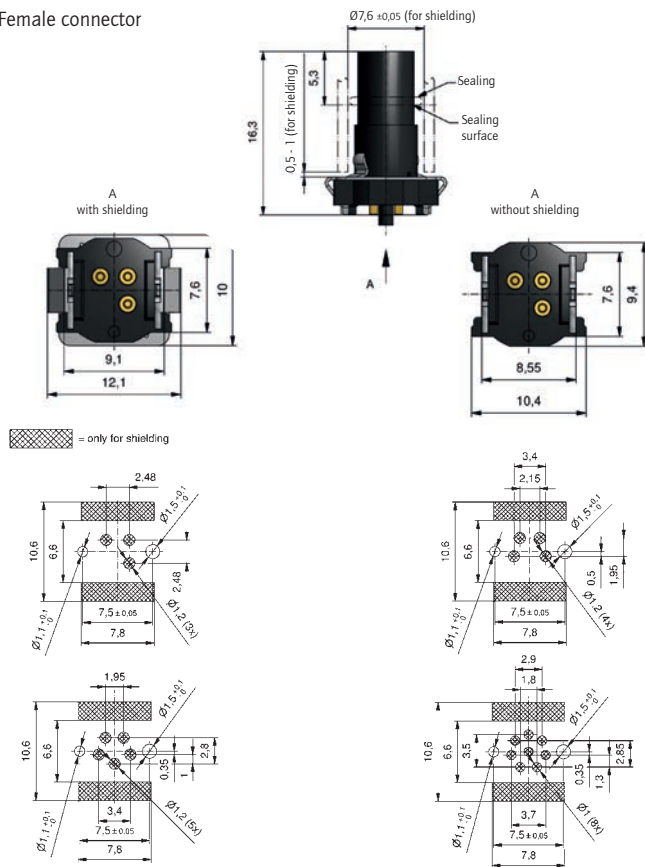


Male connector
4-pos.+PE

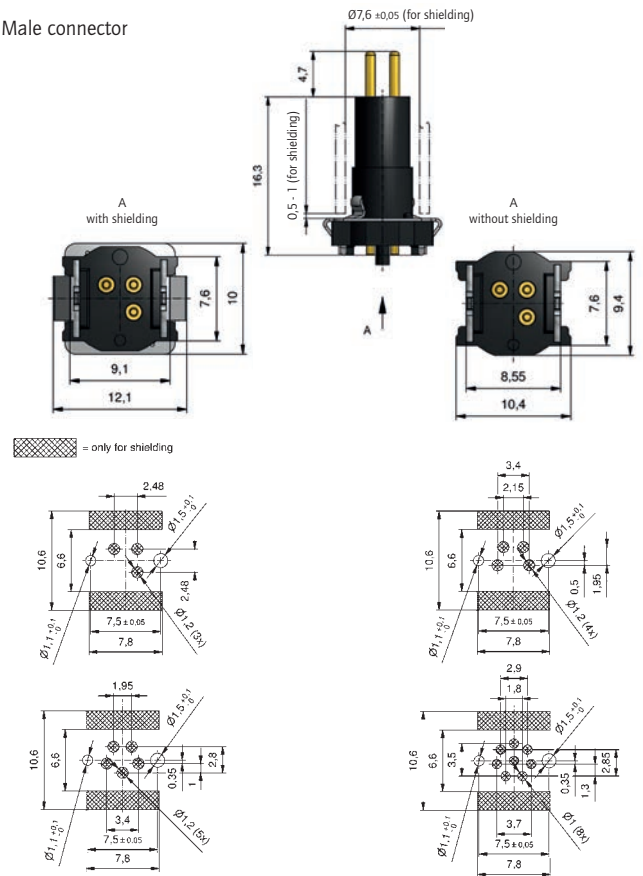
PCB-Layouts and installation space dimensions M8x1 SMT

Insulation body with and without shielding

Female connector

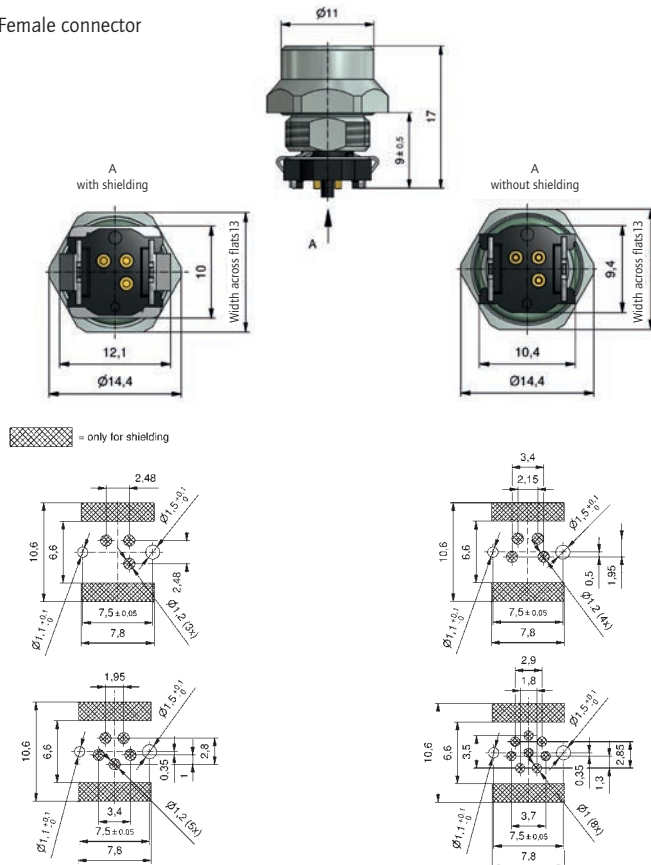


Male connector

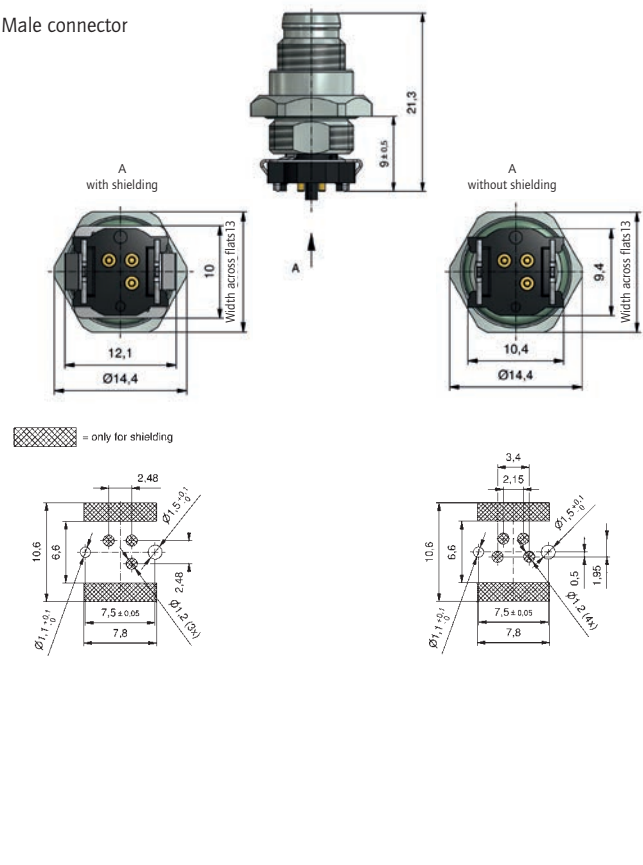


Sockets front panel mounting with and without shielding, installation height 9 mm

Female connector



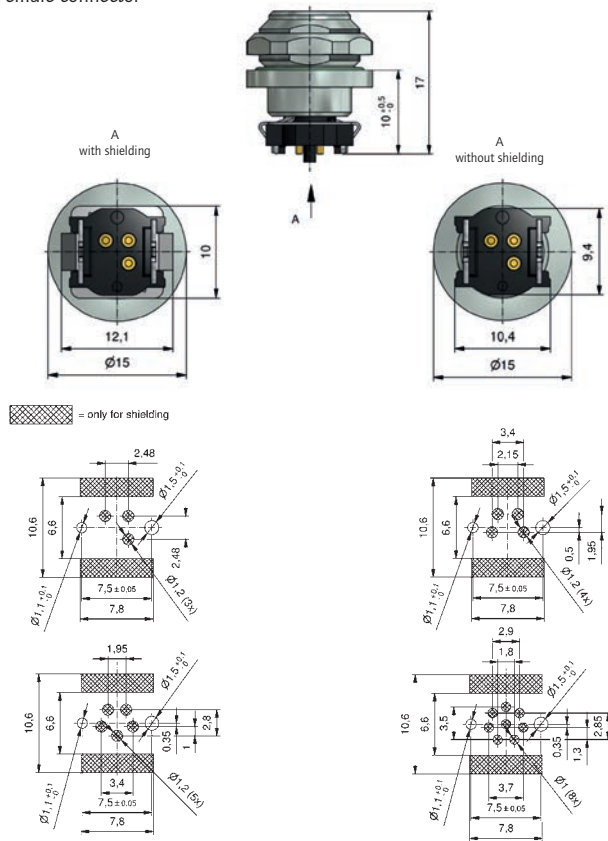
Male connector



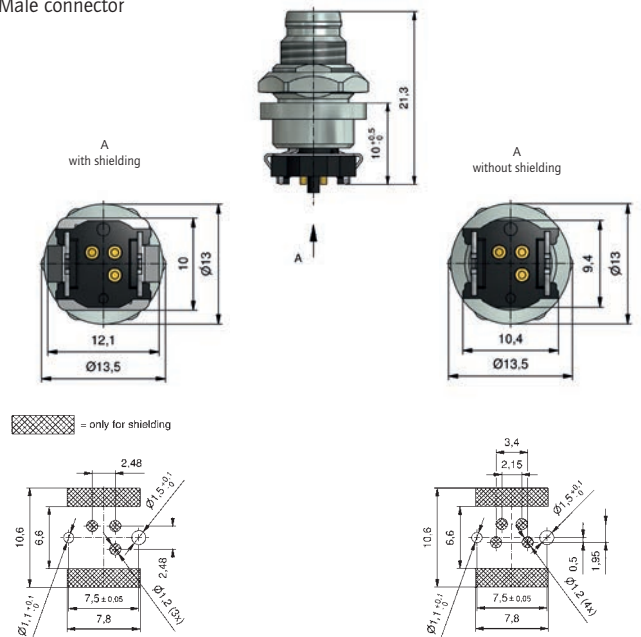
PCB-Layouts and installation space dimensions M8x1 SMT

Sockets back panel mounting, with and without shielding, installation height 10 mm

Female connector



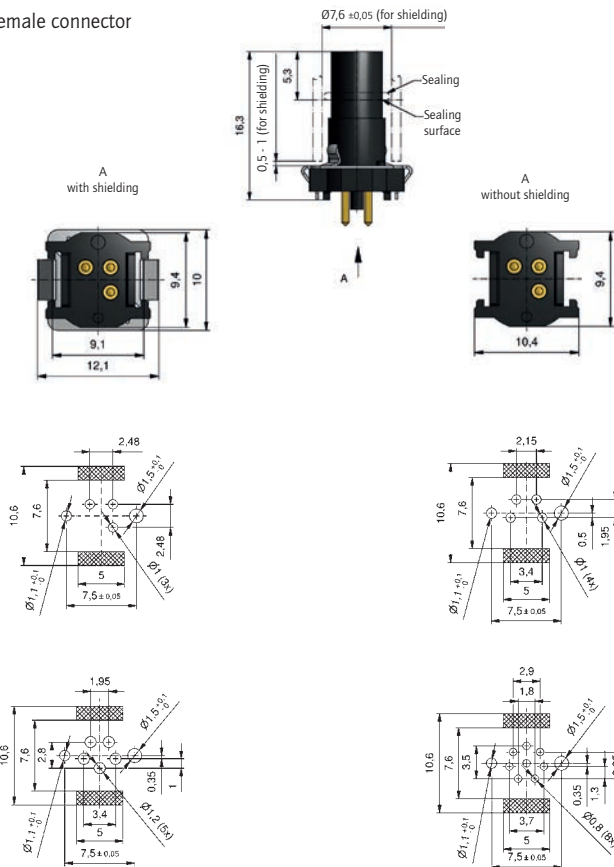
Male connector



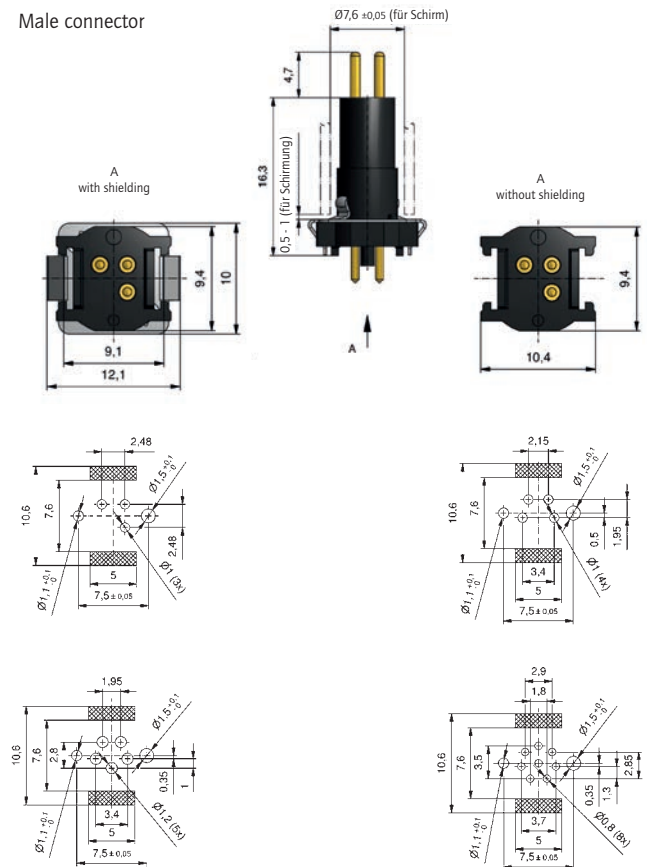
PCB-Layouts and installation space dimensions M8x1 THR

Insulation body with and without shielding

Female connector

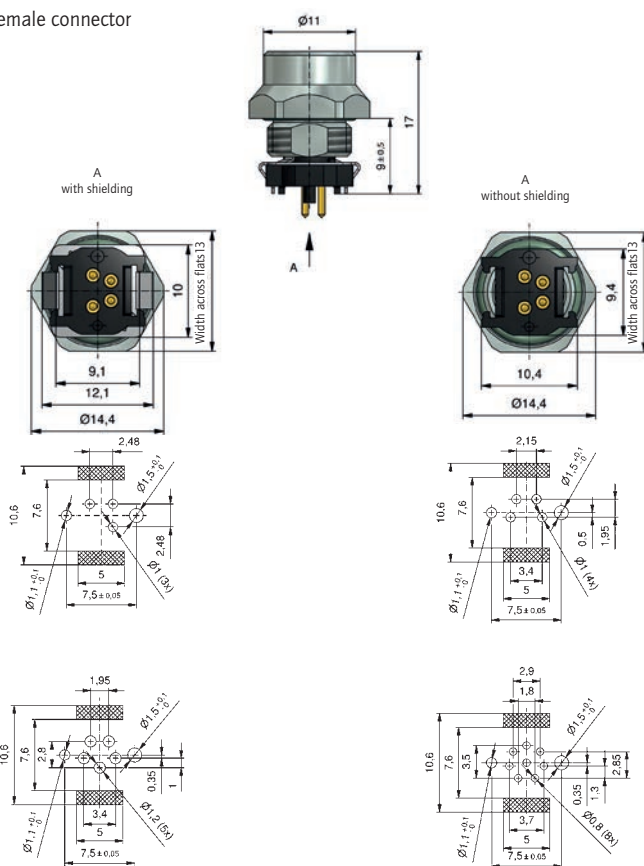


Male connector

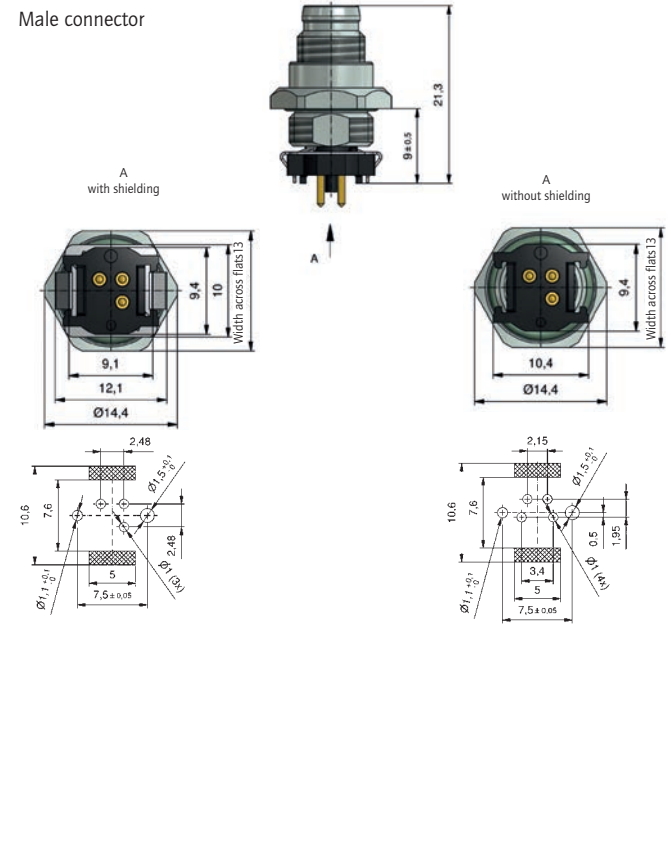


Sockets, Front panel mounting with and without shielding, installation height 9 mm

Female connector



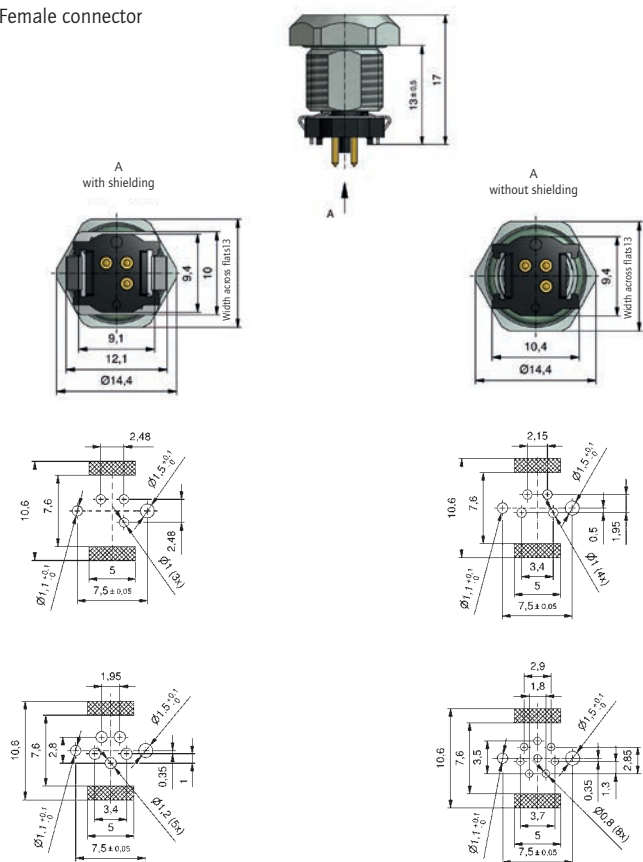
Male connector



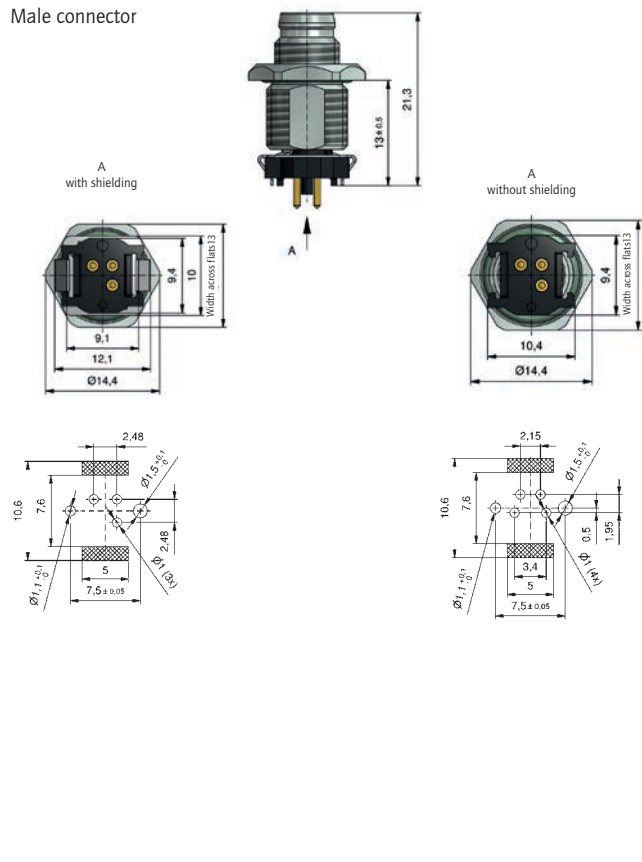
PCB-Layouts and installation space dimensions M8x1 THR

Sockets front panel mounting with and without shielding, Installation height 13 mm

Female connector

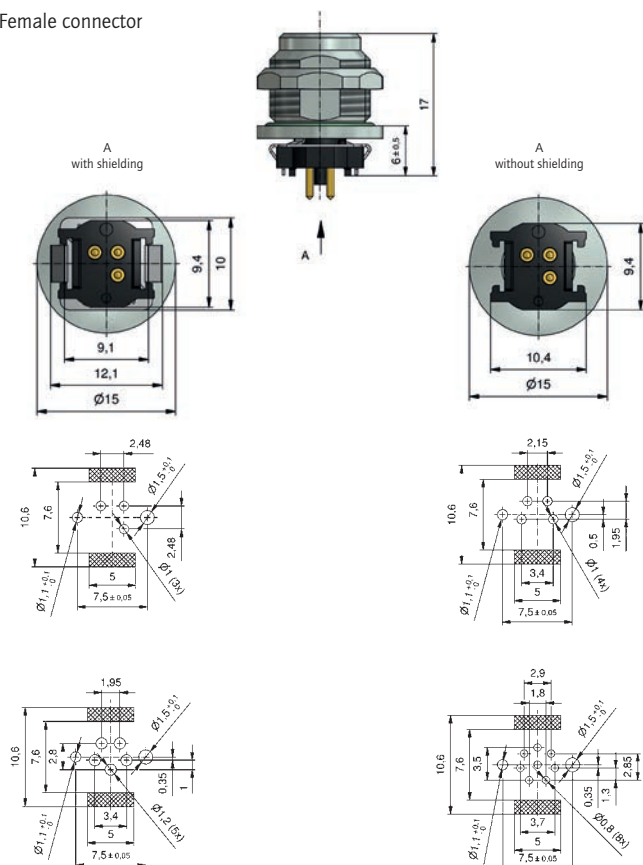


Male connector

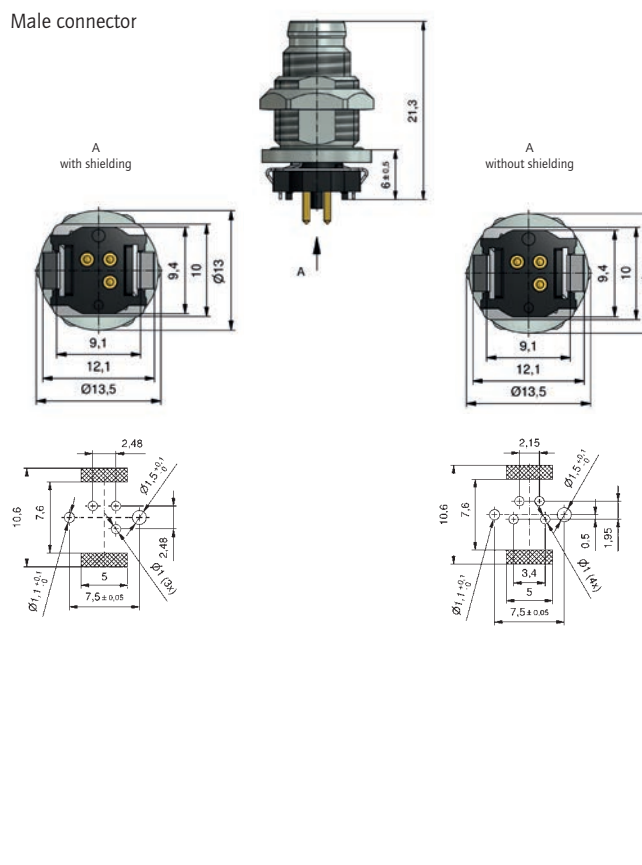


Sockets back panel mounting with and without shielding, Installation height 6 mm

Female connector



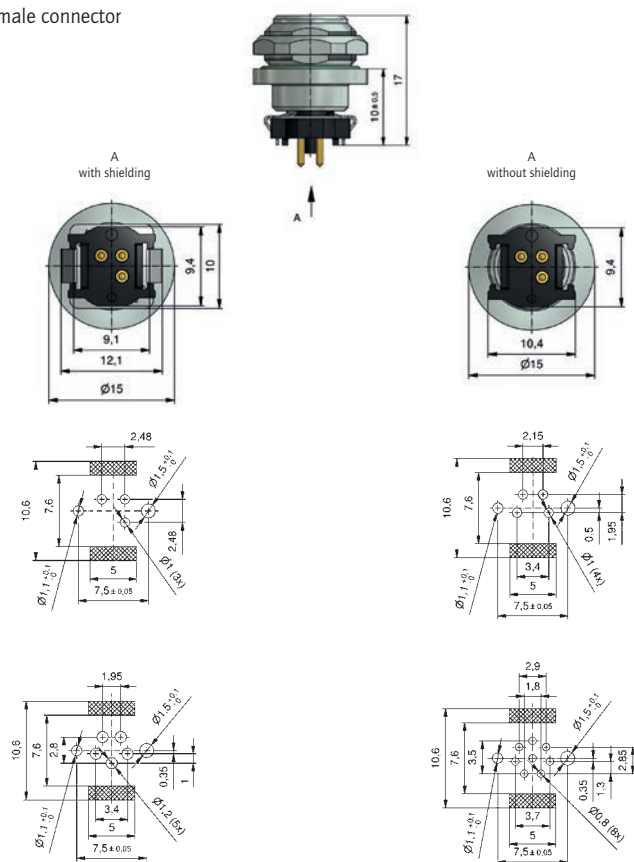
Male connector



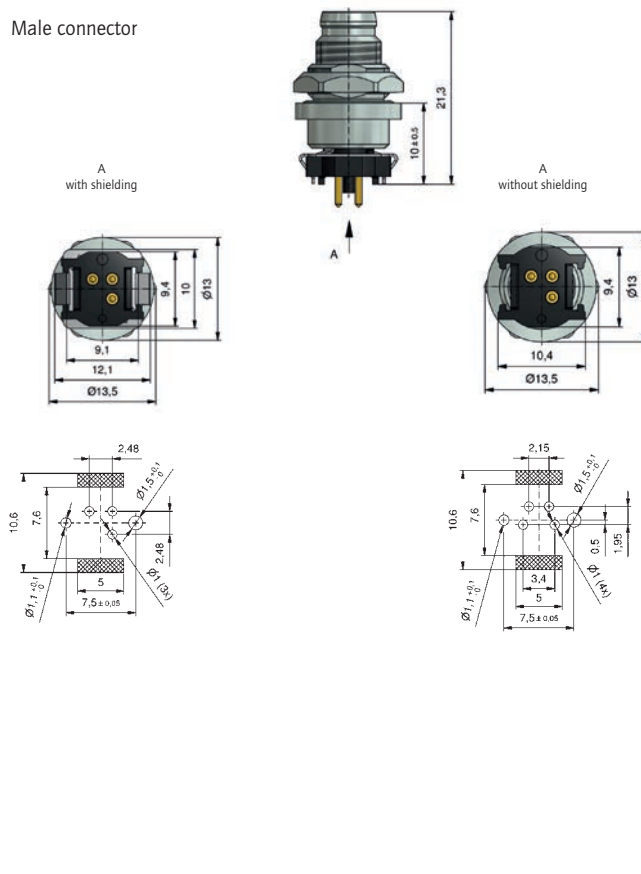
PCB-Layouts and installation space dimensions M8x1 THR

Sockets front panel mounting with and without shielding, Installation height 10 mm

Female connector



Male connector

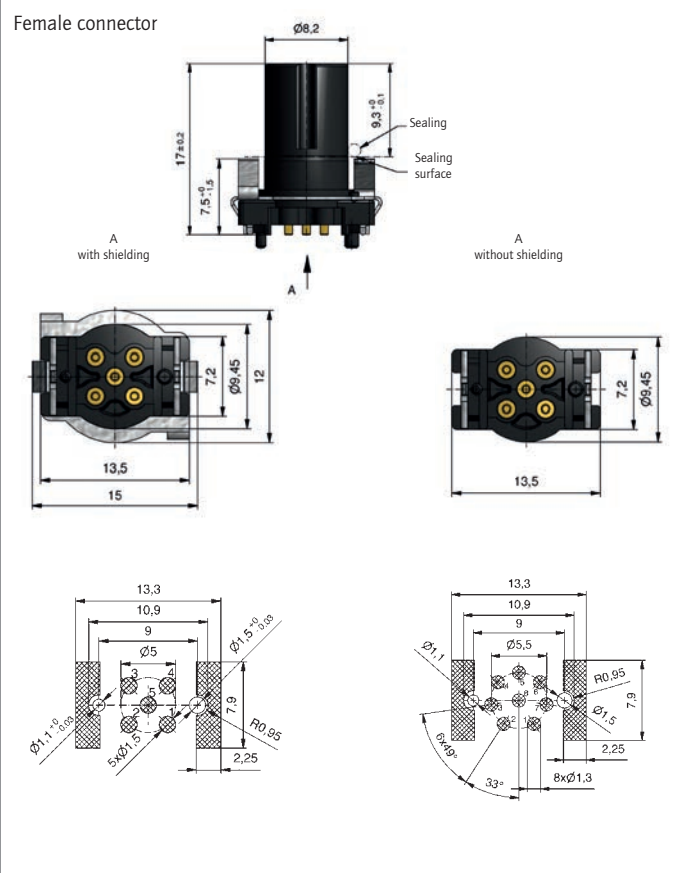


TECHNICAL INFORMATION

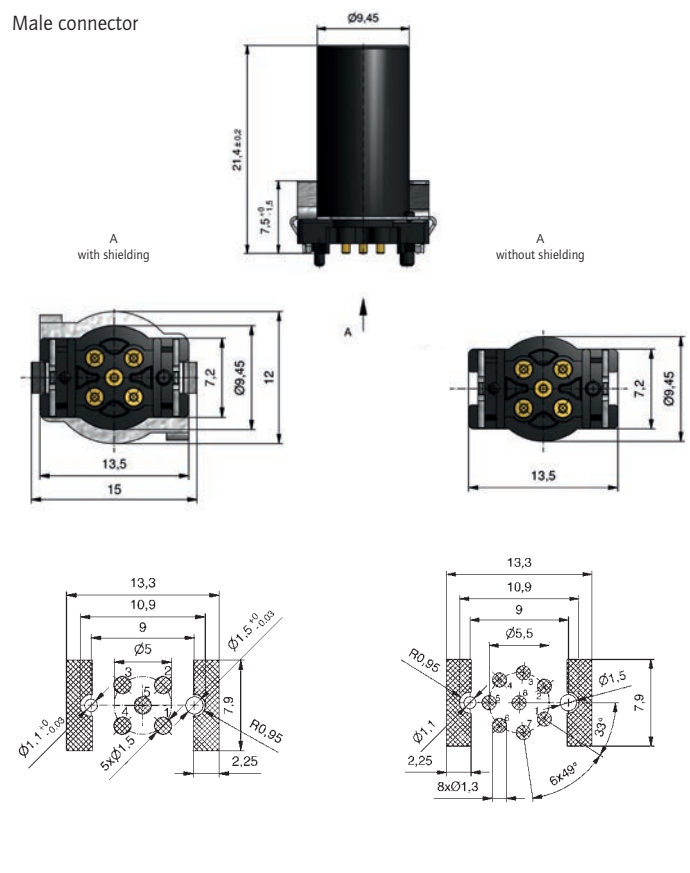
PCB-Layouts and installation space dimensions
M12x1 SMT

Insulation body with and without shielding

Female connector $\varnothing 8,2$

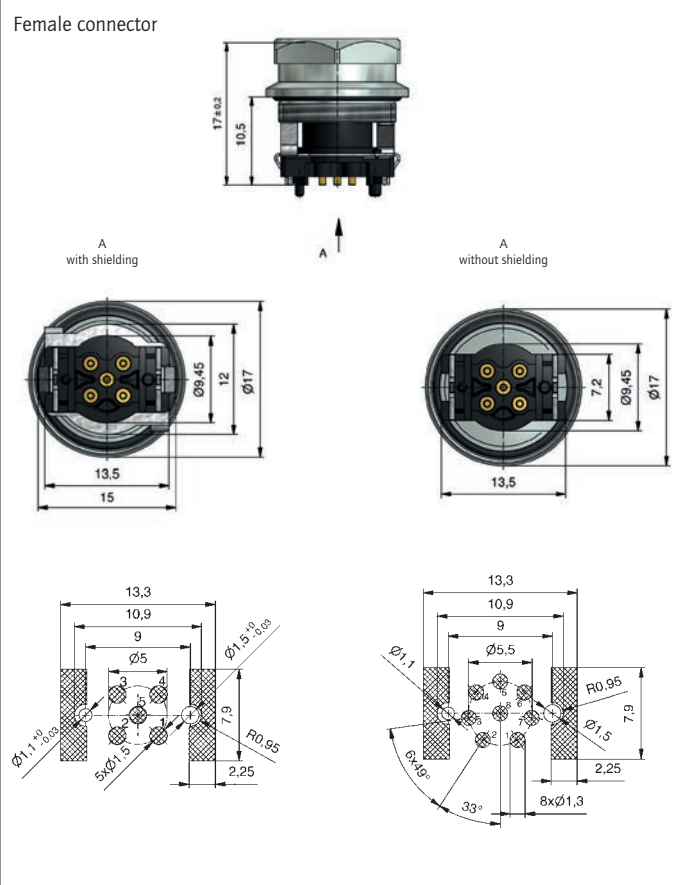
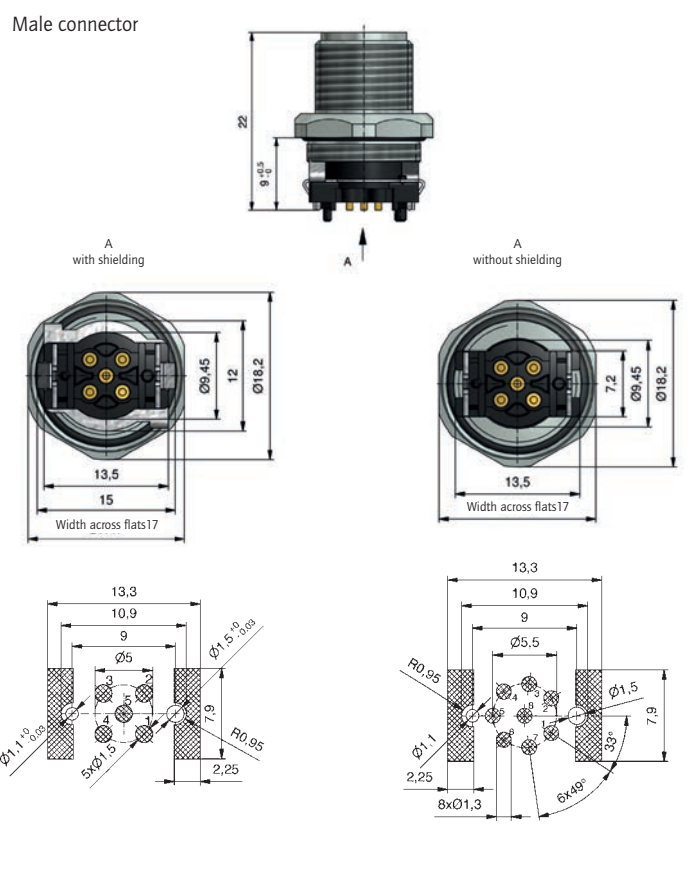


Male connector



Sockets front panel mounting with and without shielding, installation height 9 mm

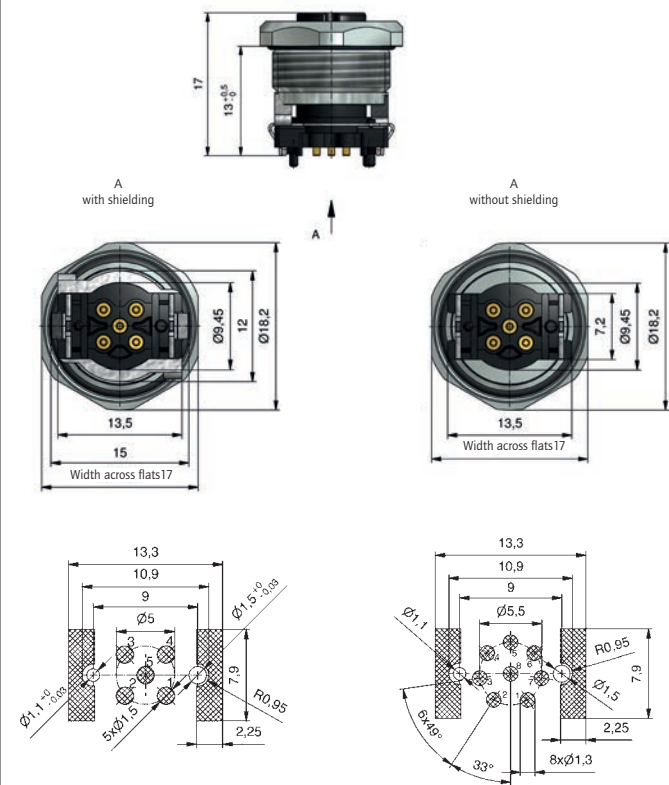
Female connector

Male connector 

Outer dimensions are valid for all number of poles

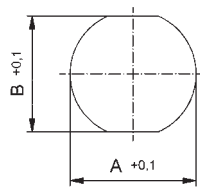
PCB-Layouts and installation space dimensions
M12x1 SMT

Sockets back panel mounting with and without shielding, installation height 13 mm

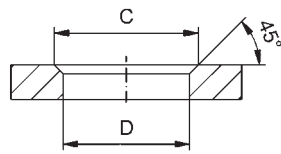


Panel cut out

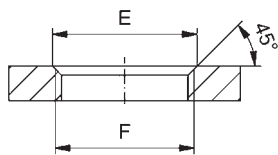
M8x1



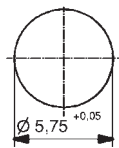
Dimension panel cut out



Dimension through hole



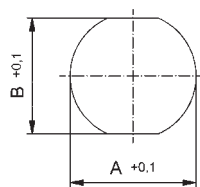
Dimension thread



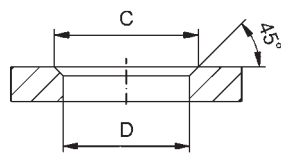
Panel plug male

Mounting thread	M8x0.5	M10x1	M12x1
Wall thickness min. [mm]	1.5	1.5	1.5
Dimension A [mm]	8.2	10.1	12.1
Dimension B [mm]	7.2	9.1	11.1
Dimension C [mm]		10.5	12.5
Dimension D [mm]		10.1 +0.1	12.1 +0.1
Dimension E [mm]		10.5	12.5
Dimension F	M8x0.5	M10x1	M12x1

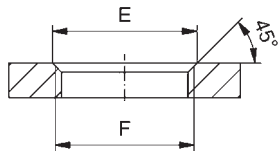
M12x1



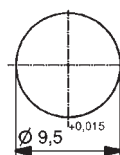
Dimension panel cut out



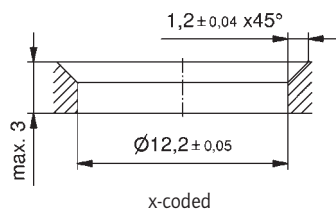
Dimension through hole



Dimension thread



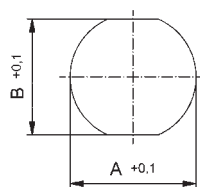
Panel plug male



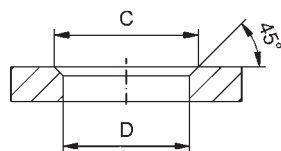
x-coded

Mounting thread	M12x1	PG9	M16x1.5
Wall thickness min. [mm]	1.5	1.5	1.5
Dimension A [mm]	12.1	15.3	16.1
Dimension B [mm]	11.1	13.5	13.5
Dimension C [mm]	12.5	16.5	16.8
Dimension D [mm]	12.1 +0.1	15.3+0.1	16.1+0.1
Dimension E [mm]	12.5	16.2	16.5
Dimension F	M12x1	PG9	M16x1.5

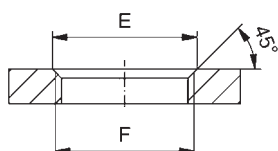
7/8"



Dimension panel cut out



Dimension through hole

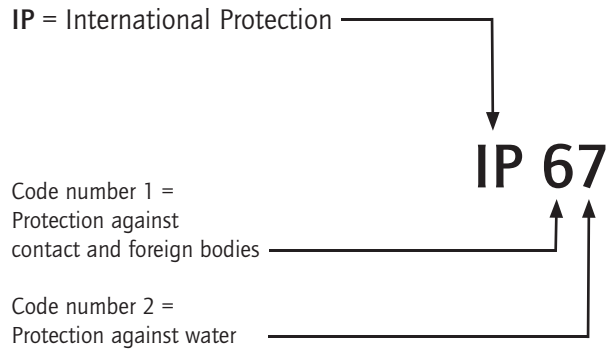


Dimension thread

Mounting thread	PG11	PG13.5
Dimension A [mm]	18.8	20.6
Dimension B [mm]	17.5	19.3
Dimension C [mm]	16.5	
Dimension D [mm]	15.3+0.1	
Dimension E [mm]	16.2	
Dimension F	PG11	PG13.5

Protection classes

Norm IEC 60529



For safety reasons, connectors have to be protected against external influences like dust, foreign objects, direct contact, moisture and water. For industrial connectors, this protection is provided by their housings with their latching devices and sealed cable entries. The protection classes are also called IP Codes. The abbreviation IP stands for "ingress protection". Standard IEC 60529 specifies and divides the degree of protection into several classes.

The protection classes refer to protection against contact and ingress of solid foreign objects and dust (indicated by the first code digit of the IP Code) as well as against damaging ingress of water (indicated by the second code digit of the IP Code)

PROTECTION CLASS OVERVIEW

First code digit	Protection against ingress of foreign objects Protection against contact	Second code digit	Protection against water	Examples
0	Not protected	0	Not protected	
1	Protection against ingress of solid foreign objects with diameters > than 50 mm Protected against access with the back of the hand	1	Protection against vertically dripping water	
2	Protection against ingress of solid foreign objects with diameters > than 12.5 mm Protected against access with a finger	2	Protection against dripping water with 15° inclination	
3	Protection against ingress of solid foreign objects with diameters > than 2.5 mm Protected against access with a tool	3	Protection against spray water inclined up to 60°	
4	Protection against ingress of solid foreign objects with diameters > than 1 mm Protected against access with a wire	4	Protection against splashing water	
5	Protected against dust in harmful quantities Complete protection against contact	5	Protection against jet water	
6	Dust-proof Complete protection against contact	6	Protection against powerful jets of water	
		7	Protection against temporary immersion (max. water depth 1 m)	
		8	Protection against constant immersion beyond 1 m An additionally indicated number stands for the maximum immersion depth in meters.	
		9K	Protection against very strong jets of water, e.g. from high-pressure steam jet cleaners for vehicles.	

Electrotechnical information

Voltage grading of connectors (insulation coordination)

Clearances and creepage distances are the base of voltage grading of connectors.

The following standard apply for this:

IEC 60664-1

Insulation coordination for equipment within low-voltage systems"

Insulation coordination comprises the selection of the electrical insulation performances of an equipment (e.g. connector), taking into account the expected use and its environment.

Explanation of some terms:

– Rated voltage

The value of voltage assigned by the manufacturer to the connector and to which operation and performance characteristics are referred.

– Rated impulse voltage

The value of an impulse withstand voltage assigned by the manufacturer to the connector characterising the specified withstand capability of its insulation against transient overvoltages.

– Clearance

The shortest distance in air between two conductive parts.

– Creepage distance

The shortest distance along the surface of the insulating material between two conductive parts.

– Pollution degree

The expected pollution around the equipment (e.g. connector) was established in the standard in four degrees:

Pollution degree 1

No pollution or only dry, non-conductive pollution occurs. The pollution has no influence.

Examples: The inside of electrical measuring instruments, electronic measuring devices.

Pollution degree 2

Only non-conductive pollution occurs. Except that occasionally a temporary conductivity caused by condensation is to be expected.

Examples: Household appliances, installation material, lamps, power supplies of office equipment.

Pollution degree 3

Conductive pollution occurs or dry non-conductive pollution occurs which becomes conductive due to condensation which is to be expected.

Examples: Electrical equipment of machine tools and processing machines, low voltage switches at machine tools.

Pollution degree 4

The pollution generates persistent conductivity caused by conductive dust or by rain or snow.

Examples: Equipment on wagon roofs and beneath wagons at electrical locomotives, rail cars, trolley busses. Equipment at electrical locomotives underground.

Additional remarks:

If connectors being defined for pollution degree 1 and overvoltage categorie 1 are applied for other conditions (higher pollution degree and higher overvoltage category), voltage levels reduce correspondingly. But the connectors can be used without any problems at reduced maximum voltages.

It has to be noted that for a connector with a degree of protection of at least IP54 the parts inside the enclosure may be dimensioned for a lower pollution degree. This also applies to mated connectors whose enclosure is ensured through the connector housing and which may only be disengaged for test and maintenance purposes.

Electrotechnical information

Voltage grading of connectors (insulation coordination)

– Overvoltage categories

The standard has divided the possible overvoltages into four categories. The three categories which relate to connectors are shortly described below:

Overvoltage category I

Equipment (e.g. connectors) intended for the use in applications or parts of installations in which no overvoltage can occur.
Examples are low voltage equipments.

Overvoltage category II

Equipment (e.g. connectors) intended for the use in installations or parts of it, in which lightning overvoltages do not need to be considered, however switching overvoltages generated by the equipment. Examples are household appliances.

Overvoltage category III

Equipment (e.g. connectors) intended for the use in installations or parts of it in which lightning overvoltages do not need to be considered, however switching overvoltages generated by the equipment, and for cases where the reliability and the availability of the equipment (e.g. connectors) or its dependent circuits are subject to special requirements. Examples are protecting means, switches and sockets.

–Material groups

For the dimensioning of the creepage distance, the tracking formation of the insulating material used by the manufacturer has to be considered. The materials are separated into three groups according to their CTI values (Comparative Tracking Index):

Material group I $600 \leq \text{CTI}$

Material group II $400 \leq \text{CTI} < 600$

Material group III $175 \leq \text{CTI} < 400$

TECHNICAL INFORMATION

Electrotechnical information

American Wire Gauges

The American Wire Gauge AWG is also found in various areas of the automation industry use .
The following table is used for the conversion of AWG Supports at in mm² .

AWG	Wire composition [mm]	Wire-Ø [mm]	Wire cross section [mm ²]
30	1 x 0.25	0.25	0.05
	7 x 0.10	0.36	0.06
28	1 x 0.32	0.32	0.08
	7 x 0.13	0.38	0.09
26	1 x 0.40	0.4	0.13
	7 x 0.16	0.48	0.14
	19 x 0.10	0.51	0.15
24	1 x 0.51	0.51	0.21
	7 x 0.20	0.61	0.22
	19 x 0.13	0.64	0.25
22	1 x 0.51	0.64	0.33
	7 x 0.20	0.76	0.34
	19 x 0.13	0.81	0.38
20	1 x 0.81	0.81	0.52
	7 x 0.32	0.97	0.56
	19 x 0.20	1.02	0.6
18	1 x 1.02	1.02	0.82
	19 x 0.25	1.27	0.93
16	19 x 0.29	1.44	1.25
14	19 x 0.36	1.8	1.93
12	19 x 0.46	2.29	3.16
10	19 x 0.40	3.1	4.65

Note: Due to different Core structure at the same AWG creates a different.

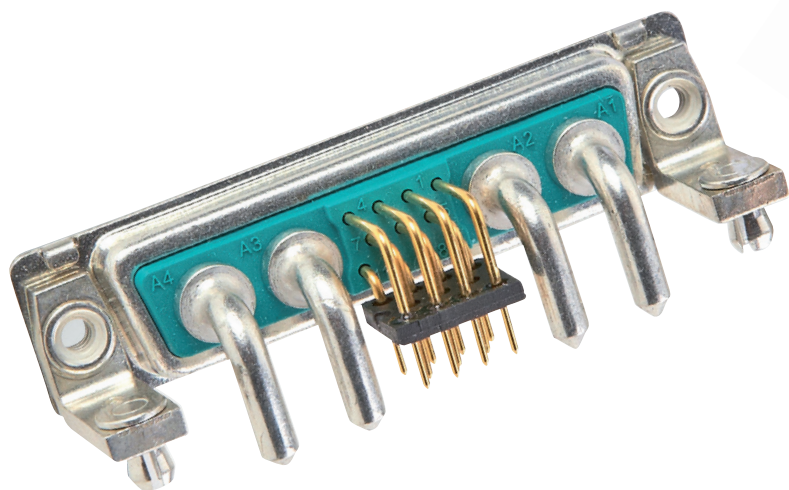
Construction and dimension for standard copper cable according IEC 60228

Wire cross section [mm ²]	Wire composition [mm]	Wire-Ø [mm]
0.09	12 x 0.10	0.5
0.14	18 x 0.10	0.5
0.25	14 x 0.16	0.7
	32 x 0.10	0.7
0.34	19 x 0.16	0.8
	42 x 0.10	0.9
0.5	7 x 0.30	1
	16 x 0.21	1.1
	28 x 0.16	1.1
0.75	7 x 0.37	1.2
	24 x 0.21	1.2
	42 x 0.16	1.3
1.0	7 x 0.43	1.4
	32 x 0.21	1.4
	56 x 0.16	1.5
1.5	7 x 0.52	1.6
	30 x 0.26	1.7
	84 x 0.16	1.8
2.5	7 x 0.67	2.2
	50 x 0.26	2.3
	140 x 0.16	2.3
4.0	7 x 0.85	2.7
	56 x 0.31	2.8
	224 x 0.16	2.9

SECTION 14

ADDITIONAL PRODUCT CATEGORIES _____





ADDITIONAL CONEC PRODUCT CATEGORIES

IP67 Power Bayonet



Details

- No. of poles: 2, 2+PE
- Receptacle male and female
- Cable connector male and female
- Degree of protection: IP67

Benefits

- Use in harsh environments
- Easy and safe locking by bayonet lock
- Cable to cable connection available
- High current carrying capability

IP67 Mini USB, USB 3.0, USB 2.0 connectors



Details

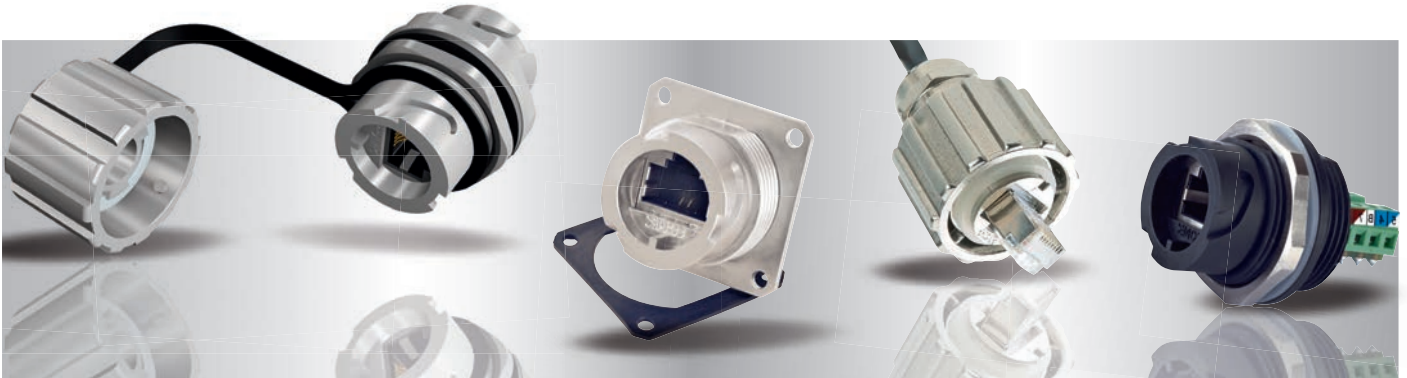
- Type: USB 3.0 Type A
- Type: USB 2.0 Type A, Mini USB Type A
- Housing: plastic, plastic metallized, zinc die-cast
- Locking: bayonet, M28
- Termination: soldering, PCB
- Adapters
- Degree of protection: IP20 (Patch), IP67

Benefits

- Use in harsh environments
- Easy and safe locking by bayonet lock
- Front- and back panel mounting
- UV resistant material for use outdoors
- USB Memory Stick 2 GB integrated into protection cap
- Light-weight versions ideal for portable devices

ADDITIONAL CONEC PRODUCT CATEGORIES

IP67 RJ45 Industrial ethernet connectors



Details

- Housing: plastic, plastic metallized, zinc die-cast
- Locking: bayonet, M28
- Termination: soldering, IDC, screw
- UTP Cat 5e, STP Cat 5e, S/STP Cat 6A
- Degree of protection: IP20 (Patch) IP67

Benefits

- Use in harsh environments
- Easy and safe locking by bayonet lock
- Front- and back panel mounting
- UV resistant material for outdoor use
- Light-weight versions
- Colored interface encoding available

IP67 Fiber optic LC-duplex



Details

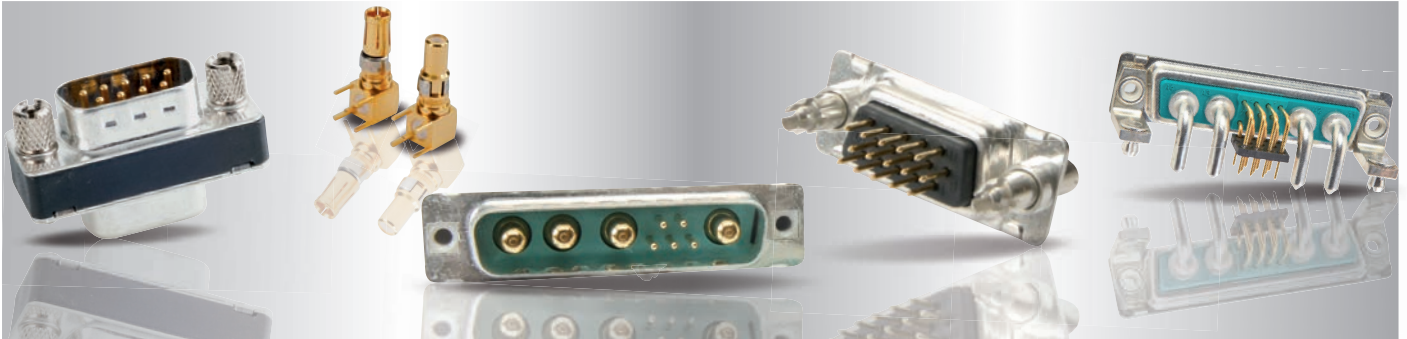
- Housing: plastic, plastic metallized, zinc die-cast
- Locking: bayonet
- Single Mode, Multi Mode, APC Single Mode
- Front- and back panel mounting
- Degree of protection: IP67

Benefits

- Use in harsh environments
- Easy and safe locking by bayonet lock
- Extended temperature range
- Interference-free safe data transmission
- Cost efficiency by integrated IP67 protection

ADDITIONAL CONEC PRODUCT CATEGORIES

D-SUB Connectors standard/high density/combination



Details

- Shell: steel tin plated, brass tin plated, stainless steel
- Termination: solder pin straight/angled, press-fit straight, solder cup, wire wrap, crimp
- Quality class: up to quality class 1

Benefits

- One interface for power, RF and control signals
- Space saving
- Cost saving – all in one connectors
- Low magnetic versions
- Customer-specific solutions possible

D-SUB Filter standard/high density/combination



Details

- Shell: steel tin plated, brass tin plated
- Termination: solder pin, solder cup
- Filter type: C-Filter, LC-Filter, Pi-Filter
- High DWV

Benefits

- Filtering directly at interface
- Can be used without PCB Redesign
- Filter-adaptor for retrofitting existing systems
- Up to 3-step low-pass filters
- Selective filtering
- Mixed capacities
- Low magnetic versions
- Space saving on PCB

ADDITIONAL CONEC PRODUCT CATEGORIES

IP67 D-SUB Connectors standard/ high density/combination



Details

- Shell: brass tin plated, stainless steel
- One-piece shell (Solid Body): zinc die-cast
- One-piece shell (CONEC SlimCon): zinc die-cast, small installation space requirements
- Termination: solder pin straight/angled, solder cup
- Degree of protection: IP67

Benefits

- Use in harsh environments
- Front- and back panel mounting
- Increased corrosion protection
- Precision machined contacts

IP67 D-SUB Filter standard/high density



Details

- Shell: brass tin plated
- Termination: solder pin, solder cup
- Filter type: C-Filter up to 1300 pF (D-SUB) up to 1000 pF (HD-SUB)
- Degree of protection: IP67

Benefits

- Filtering directly at interface
- Can be used without PCB Redesign
- Use in harsh environments
- Selective filtering
- Mixed capacities
- Low magnetic versions
- Space saving on PCB

ADDITIONAL CONEC PRODUCT CATEGORIES

D-SUB Hoods



Details

- Shell size: 1-5
- Shell: metal, plastic metallized, plastic
- Cable entry: straight, lateral, multiple
- CONEC SnapLock version

Benefits

- Large space for combination D-SUB
- Screw latching or slide locking
- Quick and easy locking (CONEC SnapLock)
- Touch protection of termination side
- For round and flat ribbon cables

IP67 D-SUB Hoods



Details

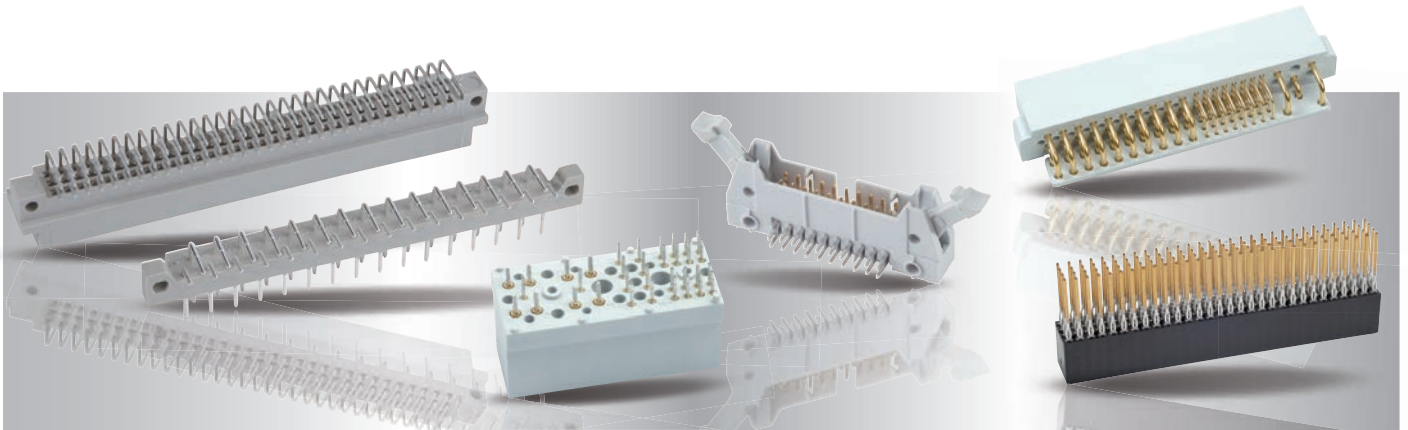
- Shell size: 1-5
- Shell: plastic, plastic metallized
- Degree of protection: IP67

Benefits

- Compact design
- Integrated cable gland
- Large space for combination D-SUB
- With shield connection
- UV resistant material for use outdoors
- Assembly without special tools

ADDITIONAL CONEC PRODUCT CATEGORIES

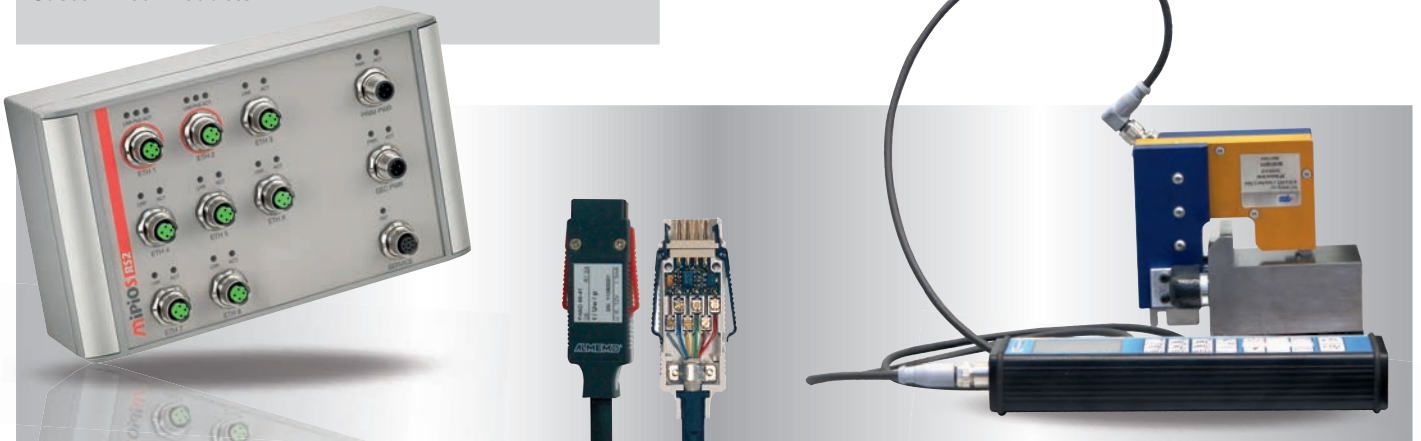
PCB Connectors



Overview

- DIN EN 60603-2
- DIN 41617
- AdvancedTCA
- Flat cable connector
- CompactPCI
- PC104/PC104

Customized Products



Many things are possible

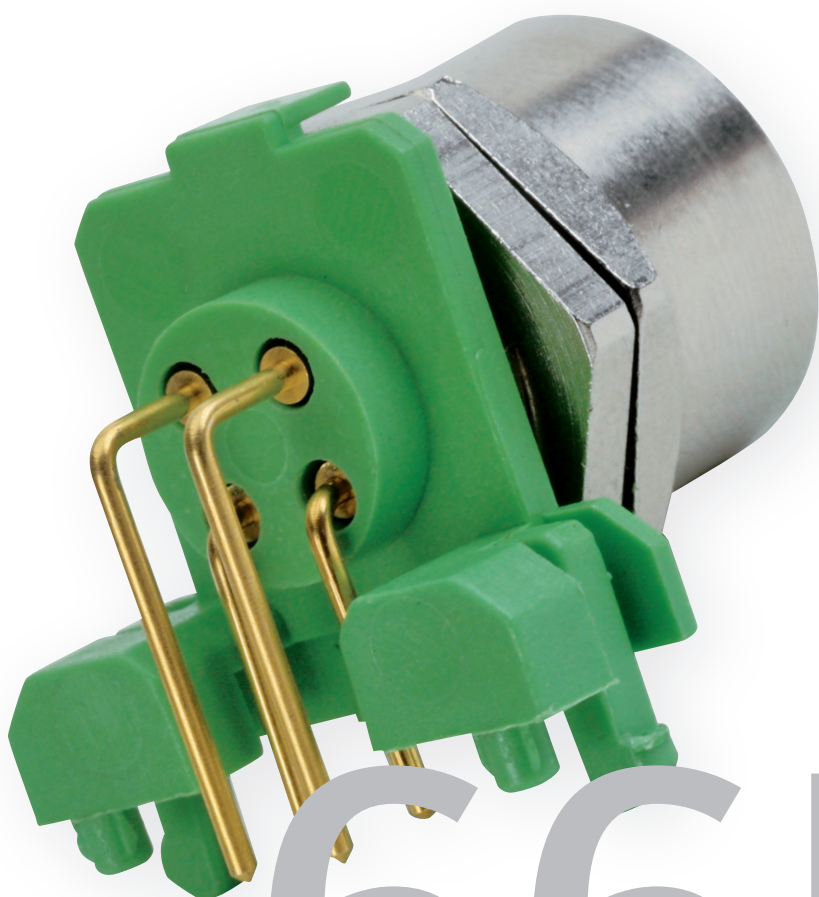
Are you looking for application-specific solutions?

Please contact us – our expert team will support you from the product concept up to optimised serial production.

- Special interconnect solutions to customer specifications
- Prototypes and small series production batches
- Connectors with increased IP ratings for harsh environments

SECTION 15

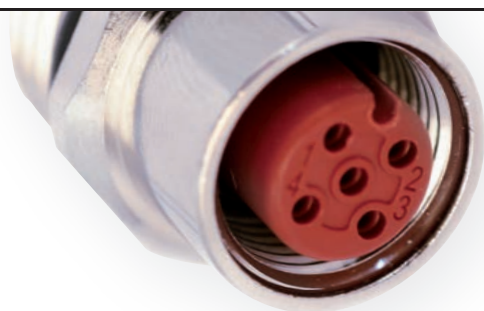
PART NUMBERS



6658

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66589



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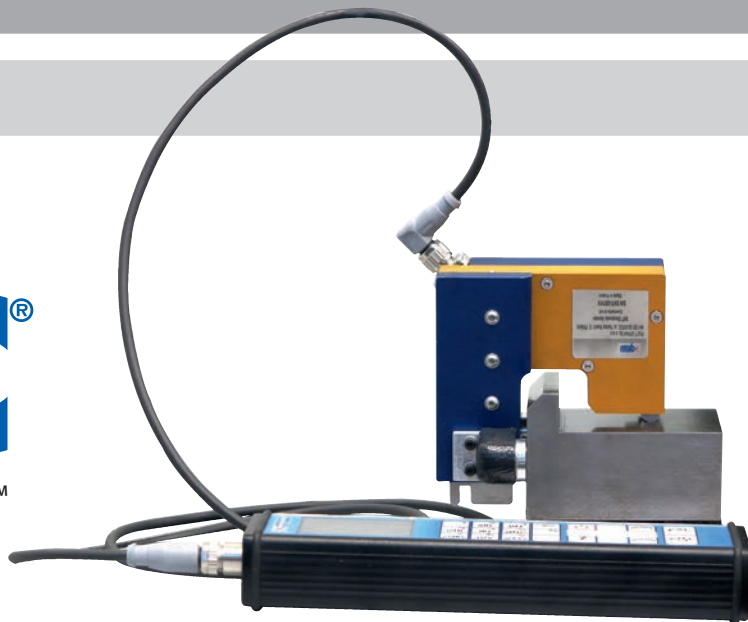
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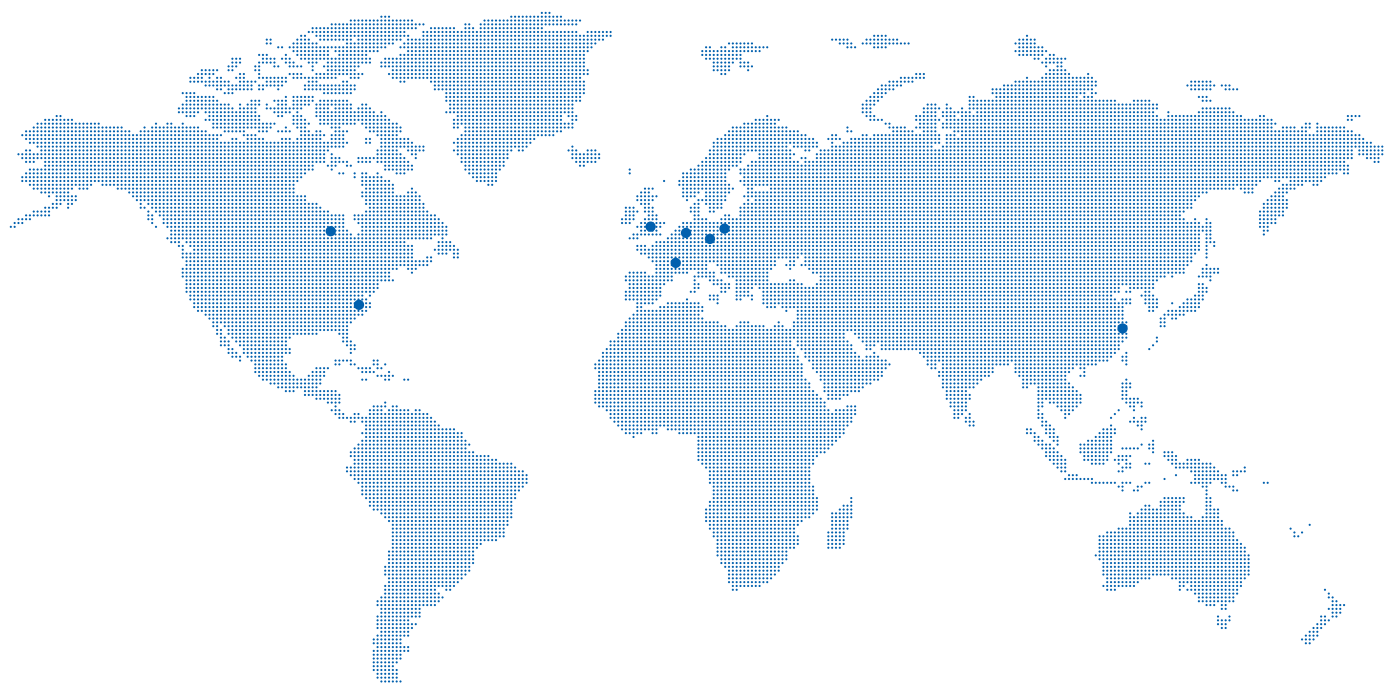
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