

Sensor/actuator box - SACB-10/3-M16-M8 - 1553527

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Sensor/actuator box, connection method: M8 socket, number of slots: 10, number of positions: 3, status display: No; master cable connection: M16 plug connection, shielding: no

Figure shows version with diagnostic and status indicator

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	25 pc
GTIN	 4 046356 158350
GTIN	4046356158350
Weight per Piece (excluding packing)	165.700 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

General

Rated voltage	24 V DC
Max. operating voltage U_{max}	30 V DC
Current carrying capacity per I/O signal	2 A
Current carrying capacity per slot	2 A
Total rated current	6 A
Number of positions	3
Number of slots	10
Flammability rating according to UL 94	V0
Sensor/actuator connection system	M8 socket

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Technical data

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-30 °C ... 80 °C

Master cable data/connection data

Connection method	M16 plug connection
Tightening torque - master cable - plug connection	1.5 Nm
Tightening torque slot sensor/actuator cable	0.2 Nm

Insulation material

Housing material	PBT
Material of the moulding mass	PUR
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	PA
Material of contact, master cable side	CU alloy
Material of threaded sleeve	Cu alloy
Material of threaded sleeve surface	Nickel-plated
O-ring material	NBR

Pin assignment

Slot/position = Wire color or connection	1 / 4 (A) = P = WH
	2 / 4 (A) = J = GN
	3 / 4 (A) = T = YE
	4 / 4 (A) = S = GY
	5 / 4 (A) = G = PK
	6 / 4 (A) = R = RD
	7 / 4 (A) = E = BK
	8 / 4 (A) = O = VT
	9 / 4 (A) = C = WH/PK
	10 / 4 (A) = N = PK/BN
	1-10 / 1 (+24 V) = A+M = BN
	1-10 / 3 (0 V) = L+U = BU

Standards and Regulations

Flammability rating according to UL 94	V0
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Drawings

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Dimensional drawing

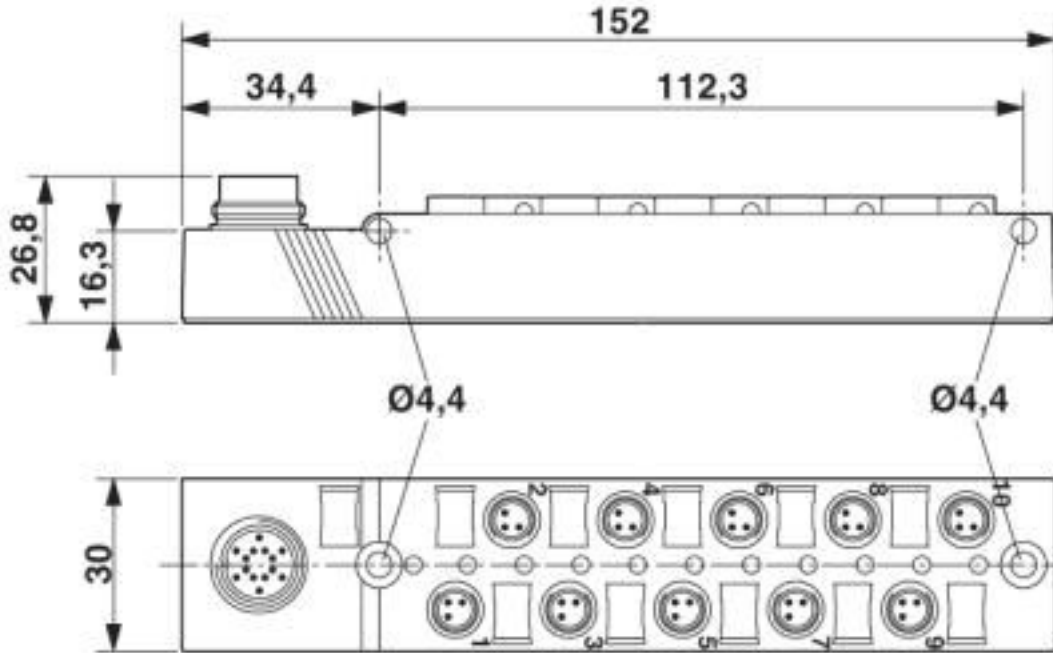
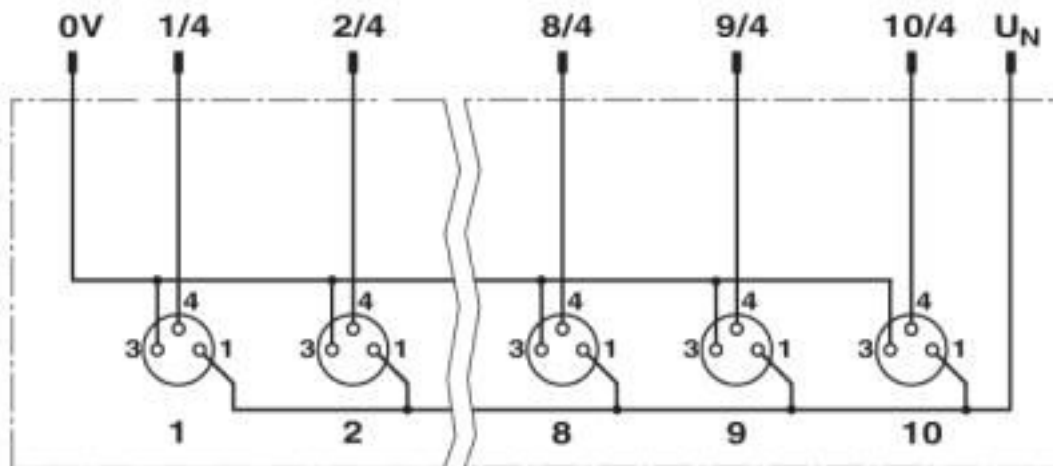


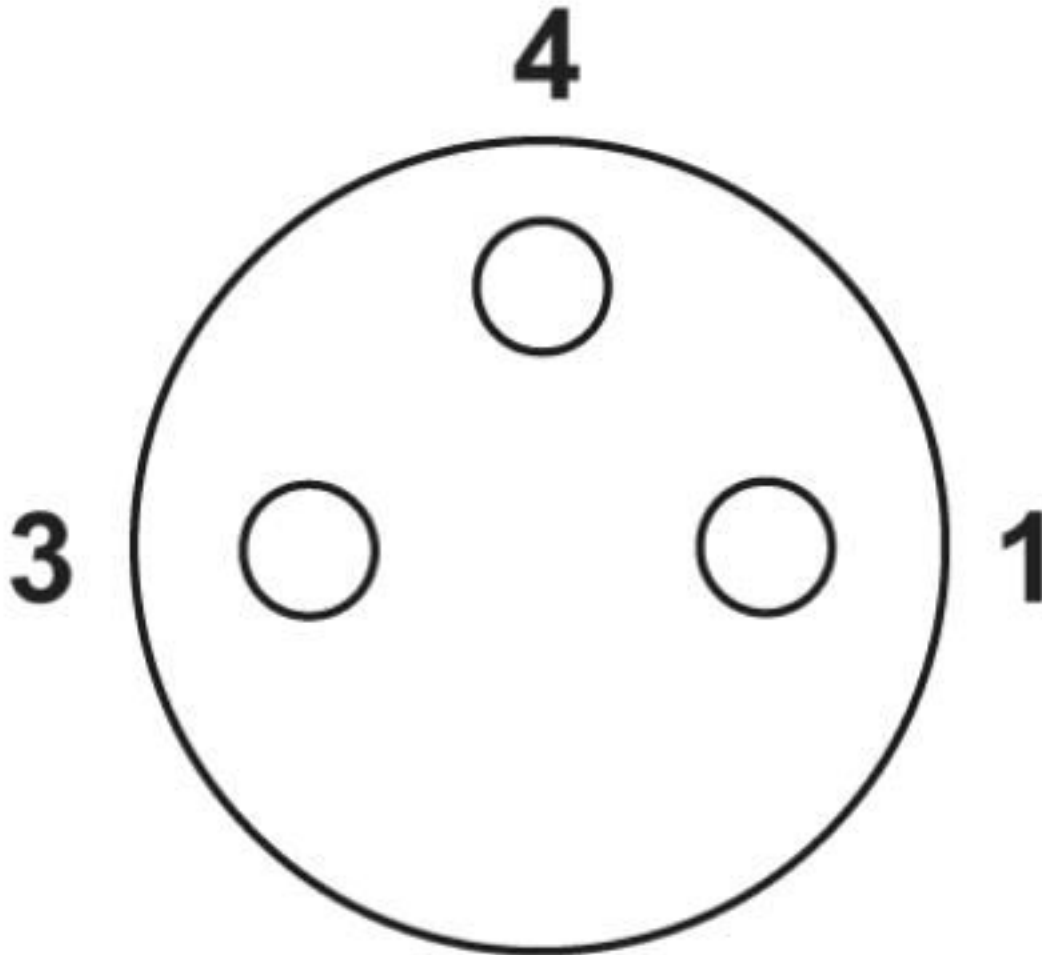
Figure shows version with diagnostic and status indicator

Circuit diagram



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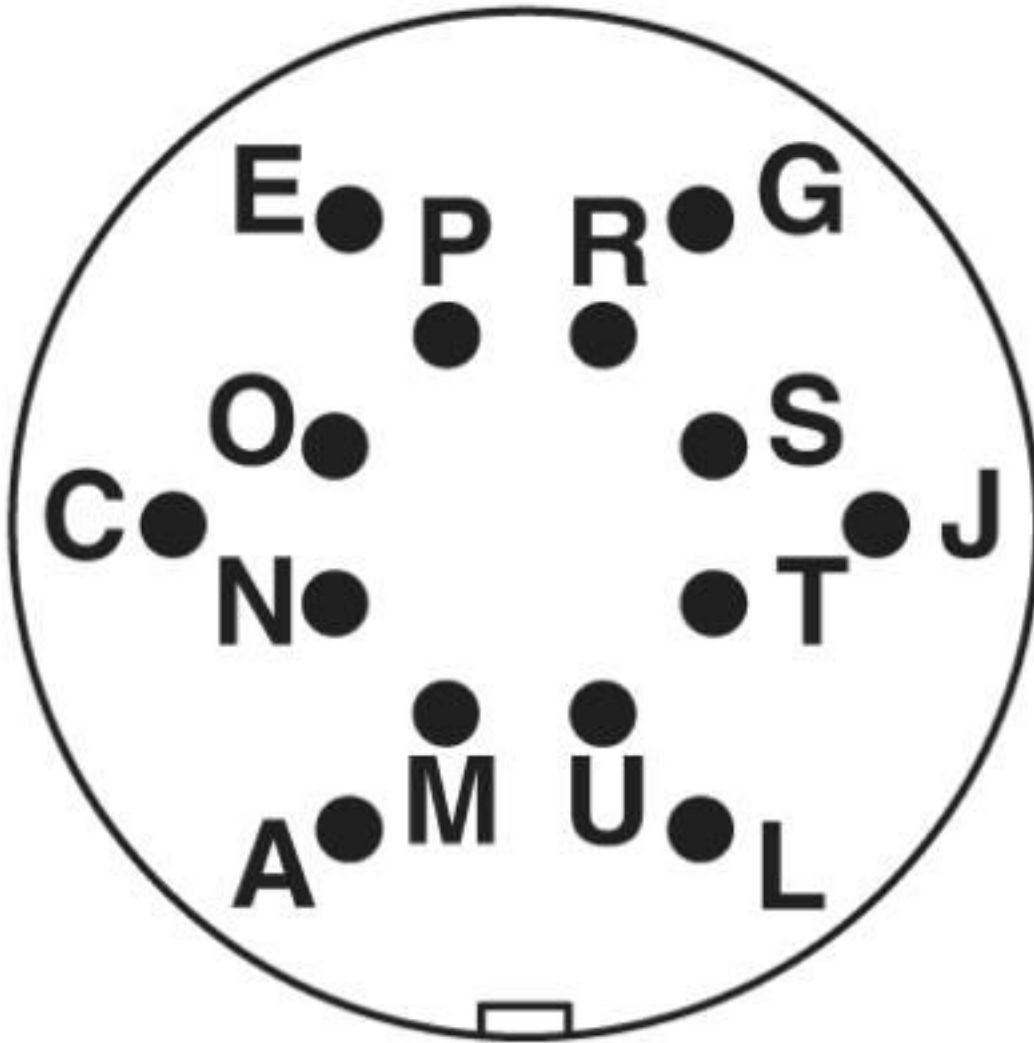
Schematic diagram



M8 slot, socket, 3-pos.

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Schematic diagram



M16 plug connection pin, 14-pos.

Classifications

eCl@ss

eCl@ss 10.0.1	27440111
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27250300

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Classifications

eCl@ss

eCl@ss 6.0	27279200
eCl@ss 7.0	27279219
eCl@ss 8.0	27279219
eCl@ss 9.0	27440108

ETIM

ETIM 3.0	EC001856
ETIM 4.0	EC002585
ETIM 5.0	EC002585
ETIM 6.0	EC002585
ETIM 7.0	EC002585

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31251501
UNSPSC 19.0	31251501
UNSPSC 20.0	31251501
UNSPSC 21.0	31251501

Accessories

Accessories

Labeled terminal marker

Zack Marker strip, flat - ZBF10 CUS - 0825031



Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 10 mm, lettering field size: 5.15 x 10 mm, Number of individual labels: 10

Master cable, assembled

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Accessories

Master cable - SAC-14P- 5,0-PUR/M16FR - 1693746



Master cable, application: Sensor/actuator box, connection method: M8 socket Metal, number of slots: 10, number of positions: 14, slot assignment: single, status display: No; master cable connection: M16 plug connection, PUR/PVC, cable length: 5 m, shielding: no

Master cable - SAC-14P-10,0-PUR/M16FR - 1693759



Master cable, application: Sensor/actuator box, connection method: M8 socket Metal, number of slots: 10, number of positions: 14, slot assignment: single, status display: No; master cable connection: M16 plug connection, PUR/PVC, cable length: 10 m, shielding: no

Connector - SACC-M16FS-14CON-M - 1500554



M16 socket, 14-pos., with solder connection, freely configurable, straight, for a 6.0 mm conductor diameter ... 8.0 mm

Connector - SACC-M16FR-14CON-M - 1500253



M16 socket, 14-pos., with solder connection, freely configurable, angled, for a 6.0 mm conductor diameter ... 8.0 mm

Plug for cable screw gland

Screw plug - PROT-M8 - 1682540



An M8 screw plug for the unoccupied M8 sockets of the sensor/actuator cable, boxes and flush-type connectors

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Accessories

Screwdriver tools

Tool - SAC BIT M8-D10 - 1208461



Nut for assembling M8 connectors with longitudinal knurl and a knurl diameter of 10 mm, for 4 mm hexagonal drive

Tool - SACC BIT M8-D12 - 1208474



Nut for assembling M8 connectors with longitudinal knurl and a knurl diameter of 12 mm, for 4 mm hexagonal drive

Philips screwdriver - SZK PZ2 VDE - 1206463



Screwdriver, PZ crosshead, VDE insulated, size: PZ 2 x 100 mm, 2-component grip, with non-slip grip

Terminal marking

Zack Marker strip, flat - ZBF10:UNBEDRUCKT - 0809997



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snap into flat marker groove, for terminal block width: 10 mm, lettering field size: 5.15 x 10 mm, Number of individual labels: 10

Torque tool

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Accessories

Torque screwdriver - TSD 02 SAC - 1208487



Torque screwdriver, with preset torque of 0.2 Nm and 4 mm hexagonal drive for M8 connectors