

Sensor/Actuator cable - SAC-4P-MS/ 5,0-547 SCO BK - 1424896

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Sensor/Actuator cable, 4-position, PVC, yellow, Plug straight M12 SPEEDCON, A-coded, on free cable end, Cable length: 5 m



Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4055626401683
Weight per Piece (excluding packing)	1.000 g
Custom tariff number	85444290
Country of origin	United States

Technical data

Dimensions

Length of cable	5 m
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Ambient conditions

Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)
Degree of protection	IP65
	IP67
	IP68

General

Rated current at 40°C	4 A
Rated voltage	250 V
Number of positions	4

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Technical data

General

Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Protective circuit/component	Unwired
Overvoltage category	II
Degree of pollution	3
Torque	0.4 Nm (M12 connector)

Material

Flammability rating according to UL 94	HB
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	HB

Cable

Cable type	PVC yellow 105 °C
Cable type (abbreviation)	547
UL AWM style	2517 (105 °C / 300 V)
Conductor cross section	4x 0.75 mm ²
AWG signal line	18
Conductor structure signal line	41x 0.16 mm
Core diameter including insulation	1.7 mm ±0.03 mm
Wire colors	brown, white, blue, black
Overall twist	4 wires, twisted
External sheath, color	yellow
External cable diameter D	6 mm ±0.2 mm
Minimum bending radius, fixed installation	8 x D
Outer sheath, material	PVC
Material conductor insulation	PVC
Conductor material	Tin-plated Cu litz wires
Nominal voltage, cable	300 V

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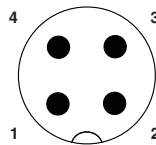
Technical data

Cable

Special properties	C(UL) CMX OUTDOOR-CMG 105 °C
	UL ITC/PLTC 105 °C
	CSA AWM I/II A/B FT4 105 °C / 300 V
Flame resistance	FT4
Ambient temperature (operation)	-30 °C ... 105 °C (cable, fixed installation)

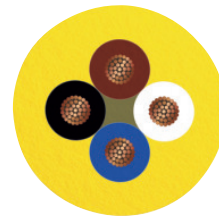
Drawings

Schematic diagram



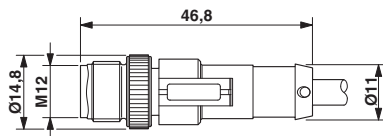
Pin assignment M12 plug, 4-pos., A-coded, view plug side

Cable cross section



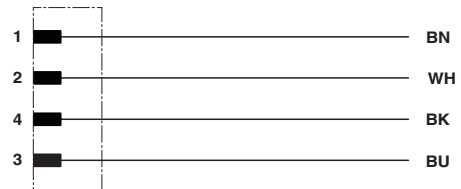
PVC yellow 105 °C [547]

Dimensional drawing



Plug, M12 x 1, straight, shielded

Circuit diagram



Contact assignment of the M12 plug

Approvals

Approvals

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UL Listed / cUL Listed / cULus Listed


Ex Approvals

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Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
Nominal current IN	4 A		
Nominal voltage UN	300 V		

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
Nominal current IN	4 A		
Nominal voltage UN	300 V		

cULus Listed			
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