

SACC-DSI-MS-8CON-L180/SCO SH

Order No.: 1553873


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Sensor/actuator flush-type connector, 8-pos., M12-SPEEDCON, shielded, rear/screw mounting with Pg9 thread, with straight solder connection

**Product notes**

WEEE/RoHS-compliant since:
09/29/2006

**Commercial data**

GTIN (EAN)	
sales group	D125
Pack	20 pcs.
Customs tariff	85366990
Catalog page information	Page 47 (PC-2011)

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Technical data**General data**

Rated current at 40°C	4 A
Rated voltage	250 V
Number of positions	4
Volume resistance	≤ 3 mΩ

Insulation resistance	≥ 100 MΩ
Length of cable	0.5 m
Ambient temperature (operation)	-25 °C ... 85 °C (Male connector / female connector)

General characteristics

Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR
Mounting type	Rear mounting Pg9 With flat nut
Connection method	Individual wires
Status display	No

Conductor data

Cable type	TPE litz wire
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure signal line	7x 0.25 mm
Core diameter including insulation	1.2 mm ±0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Black, brown, blue, white
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≤ 57.6 mΩ/m
Nominal voltage, conductor	300 V
Test voltage, conductor	2000 V AC
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Ambient temperature (operation)	-25 °C ... 85 °C (cable, fixed installation)

Certificates / Approvals

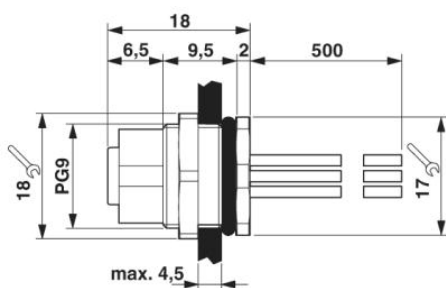


Certification

UL

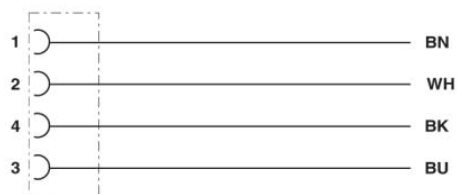
Diagrams/Drawings

Dimensioned drawing



M12 flush-type connector

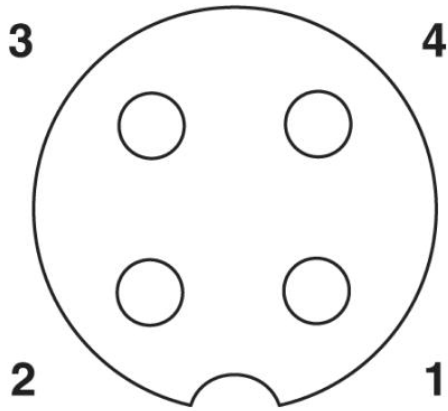
Circuit diagram



Contact assignment of the M12 socket

Schematic diagram

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



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