Extract from the online catalog

SACC-M12MR-4CON-PG7-M

Order No.: 1681101



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1681101

Sensor/actuator connector, male, angled, 4-pos., M12, A-coded, screw connection, metal knurl, cable screw connection Pg7

Product notes
WEEE/RoHS-compliant since: 12/01/2005

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Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Commercial data

GTIN (EAN)	4 017918 157487
sales group	D120
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 45 (PC-2009)

Technical data

General data

Rated current at 40°C	4 A
Rated voltage	250 V
Number of positions	4
Volume resistance	≤ 8 mΩ
Insulation resistance	≥ 100 MΩ

Ambient temperature (operation)	-40 °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	CuSnZn
Contact carrier material	PA 66
Material of grip body	PBT
Material, knurls	Zinc die-cast, (nickel-plated)
Sealing material	NBR
Type of connection	Screw connection
Conductor cross section stranded min.	0.25 mm²
Conductor cross section stranded max.	0.75 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	18
External cable diameter	4 mm ... 6 mm
Status display	No

Certificates / Approvals

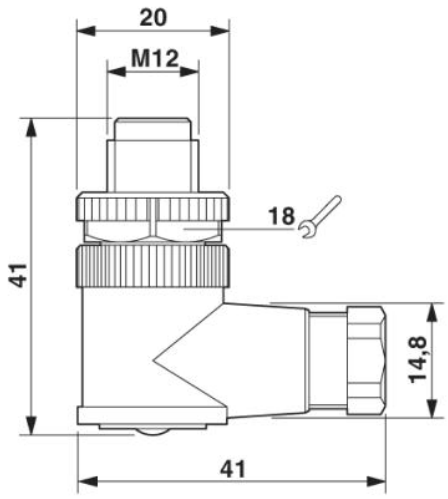
Certification	CUL, GOST, UL

Accessories

Item	Designation	Description
General		
1436505	SACC-M12-SET/2,5-3,5	Sensor/actuator connector, accessories, pressure screw and Pg7 seal, for unshielded M12 connector, cable diameter 2.5 mm - 3.5 mm

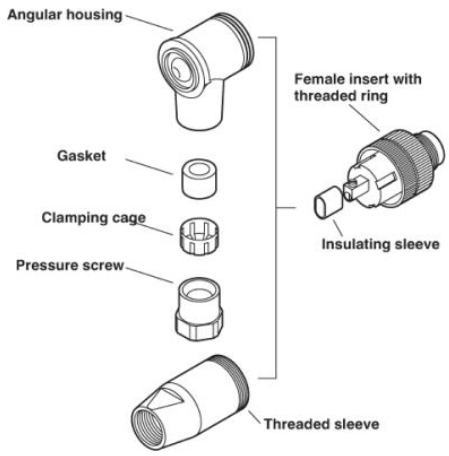
Diagrams/Drawings

Dimensioned drawing

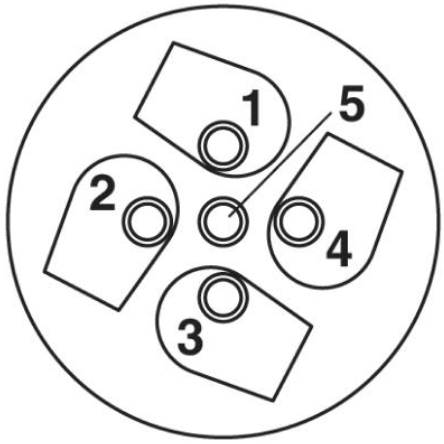


M12 x 1 male connector, angled

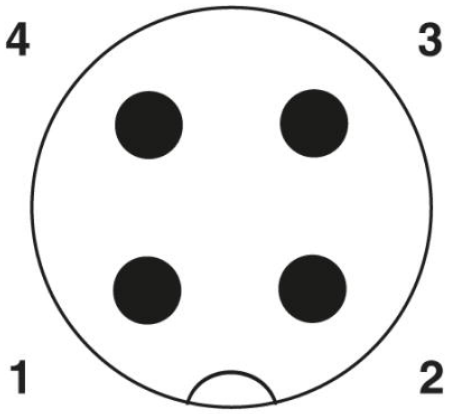
Schematic diagram



Male/Female M12



Cable connection side M12 (screw connection)



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

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