Extract from the online catalog

SACC-M12FS-4QO-0,34

Order No.: 1641701



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1641701

Sensor/actuator connector, socket, straight, 4-pos., M12, A-coded, QUICKON-ONE, plastic knurl, cable diameter max. 6 mm

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 925154
sales group	D121
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 48 (PC-2009)

Technical data

General data

Rated current at 40°C	4 A
Rated voltage	125 V
Number of positions	4
Volume resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ

Ambient temperature (operation)	-25 °C ... 80 °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	IP65/67
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	PA 66
Material of grip body	PA 66
Material, knurls	Plastic
Sealing material	NBR
Type of connection	QUICKON fast connection
Conductor cross section stranded min.	0.14 mm²
Conductor cross section stranded max.	0.34 mm²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	22
Wire diameter including insulation	0.7 mm ... 1.6 mm
Frequency of connections between conductors of the same cross section	10
External cable diameter	3.5 mm ... 6 mm
Wire insulation material	PVC/PE/PP
Tightening torque, union nut	0.8 Nm
Wrench size, union nut	13 mm
Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	Class 2-6
Status display	No

Certificates / Approvals

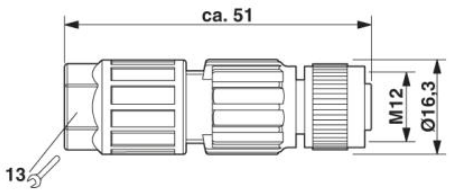
Certification	CUL, GOST, UL

Accessories

Item	Designation	Description
Tools		
1208432	SAC BIT M12-D15	Nut for assembling sensor/actuator cables with M12 connector and for M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive
1212033	SAC BIT QUICKON-W13	Nut for assembling QUICKON pressure nuts with 13 mm wrench size, for 4 mm hexagonal drive
1208429	TSD 04 SAC	Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors
1212224	TSD-M 1,2NM	Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm

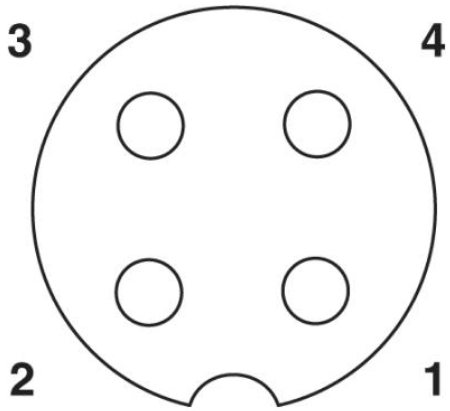
Diagrams/Drawings

Dimensioned drawing



M12 x 1 female connector, straight

Schematic diagram



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

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