

SACC-FS-4QO-0,34-M SCO


Order No.: 1521588



<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1521588>

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



Commercial data	
EAN	 4 017918 953058
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 73 (PC-2011)

Product notes

WEEE/RoHS-compliant since:
01/01/2006



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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)
	-5 °C ... 50 °C (During assembly)

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
Torque	0.4 Nm (M12 knurl) 0.8 Nm (Pressure nut)
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU
Material of grip body	PA 6
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR
Connection method	Insulation displacement connection
Conductor cross section	0.14 mm ² ... 0.34 mm ²
AWG conductor cross section	26 ... 22
Assembly instructions	AWG 20 conductor cross section upon request
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
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
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Accessories

Item	Designation	Description
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Cable/conductor

1501692	SAC-4P-100,0-PUR/0,25	Cable ring, PUR halogen-free black, 4-pos., conductor colors: brown / white / blue / black, cable length: 100 m
1501663	SAC-4P-100,0-PUR/0,34	Cable ring, PUR halogen-free black, 4-pos., conductor colors: brown / white / blue / black, cable length: 100 m

Protection and sealing elements

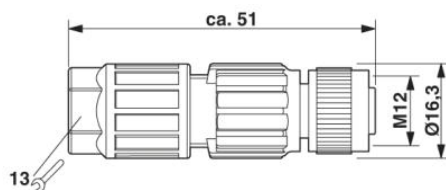
1430899	PROT-M12 MS-PA-CHAIN	M12 sealing cap with fixing band, for sensor cables, for free M12 sockets
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Tools

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
1212600	TSD-M SAC-BIT ADAPTER	Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

Diagrams/Drawings

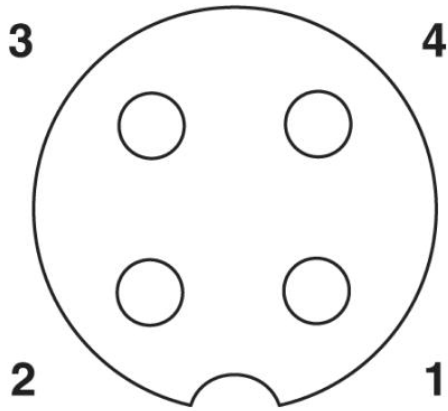
Dimensioned drawing



M12 x 1 female connector, straight

Schematic diagram

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



Connection data incl. use groups





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