

SACC-M12FS-5CON-PG 7-M

Order No.: 1662968



<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1662968>

Sensor/actuator connector, female, straight, 5-pos., M12, A-coded, screw connection, metal knurl, cable screw connection Pg7

Commercial data

EAN	4 017918 129446
Pack	1 pcs.
Customs tariff	85366990
Gross weight in pieces	0.02572 KG
Net weight per piece (exclusive packing)	0.02572 KG
Catalog page information	Page 71 (PC-2011)

Product notes

WEEE/RoHS-compliant since:
11/23/2005



<http://www.download.phoenixcontact.com>
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.

Technical data

General data

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	≤ 8 mΩ
Insulation resistance	≥ 100 MΩ

Ambient temperature (operation)	-40 °C ... 85 °C (Plug / socket)
General characteristics	
Standards/regulations	M12 plug-in connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl)
	0.2 Nm (Screw terminal blocks)
	0.8 Nm ... 1 Nm (Pressure screw)
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
Connection method	Screw connection
Conductor cross section	0.25 mm ² ... 0.75 mm ²
AWG conductor cross section	24 ... 18
Assembly instructions	The wires can be connected both with ferrules and without ferrules
External cable diameter	4 mm ... 6 mm
Status display	No

Certificates / Approvals



Certification

cULus Recognized, GOST

Certifications applied for:

Certification Ex:

Accessories

Item	Designation	Description
------	-------------	-------------

Cable/conductor

1501676	SAC-5P-100,0-PUR/0,34	Cable ring, PUR halogen-free black, 5-pos., conductor colors: Brown/white/blue/black/green-yellow, cable length: 100 m
---------	-----------------------	--

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
---------	----------------------	---

Protection and sealing elements

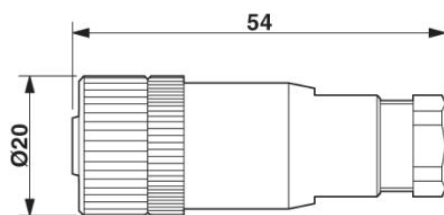
1430899	PROT-M12 MS-PA-CHAIN	M12 sealing cap with fixing band, for sensor cables, for free M12 sockets
---------	----------------------	---

Tools

1208445	SACC BIT M12-D20	Nut for assembling SACC M12 connectors for free assembly, excluding M12 connectors with QUICKON fast connection technology, 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

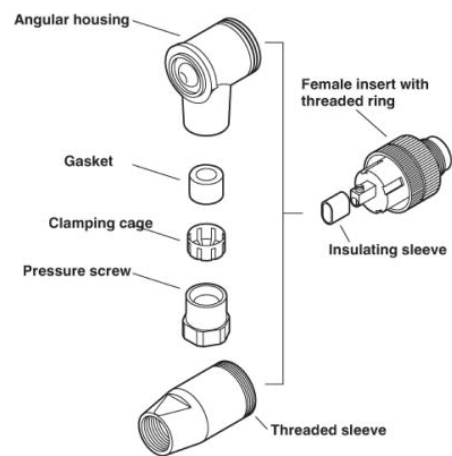
Diagrams/Drawings

Dimensioned drawing

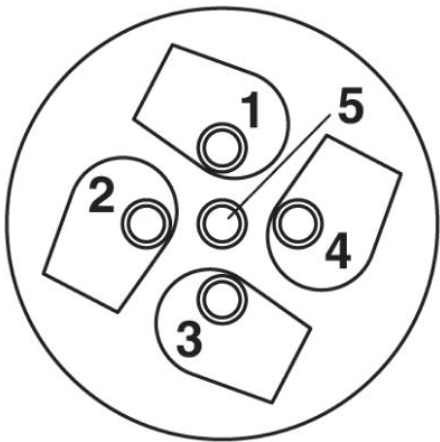


M12 x 1 female connector, straight

Schematic diagram

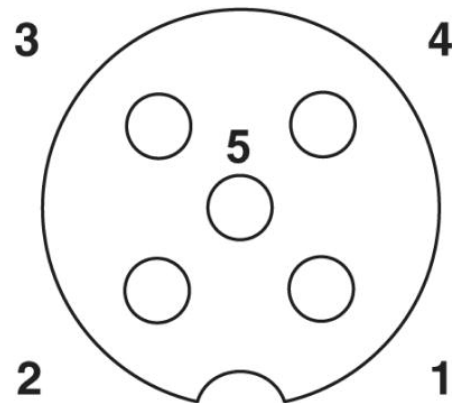


Male/Female M12



Cable connection side M12 (screw connection)

Pin assignment M12 socket, 5-pos., A-coded, socket side view



Address

PHOENIX CONTACT Ltd
Halesfield 13
Telford Shropshire TF7 4PG,GB
Phone 01952 681 700
Fax 01952 681 799
<http://www.phoenixcontact.co.uk>



© 2013 Phoenix Contact
Technical modifications reserved;