


**SACC-M12FS-5CON-PG7-M SKIN**

Order No.: 1559000

<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=1559000>Sensor/actuator socket, straight, 5-pos., M12, A-coded, screw  
connection, metal knurl, cable gland Pg7 SKINTOP®**Commercial data**

EAN	 4 046356 299893
sales group	D121
Pack	1 Pcs.
Customs tariff	85366990
Gross weight in pieces	0.02734 KG
Net weight per piece	0.02734 KG
Catalog page information	Page 23 (C-4-2013)

**Product notes**WEEE/RoHS-compliant since:  
06/18/2007

[http://  
www.download.phoenixcontact.com](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****Dimensions**

External diameter	4 mm ... 6 mm
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**Ambient conditions**

Ambient temperature (operation)	-20 °C ... 80 °C (Plug / socket)
Degree of protection	IP67

### General

Rated current at 40°C	4 A
Rated voltage	125 V
Number of positions	5
Contact resistance	≤ 8 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Screw connection
Conductor cross section	0.25 mm <sup>2</sup> ... 0.75 mm <sup>2</sup>
AWG conductor cross section	24 ... 18
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl) 0.2 Nm (Screw terminal blocks) 0.8 Nm ... 1 Nm (Pressure screw)
Tightening torque	Screw plug insert with sleeve housing as far it will go
Assembly instructions	The wires can be connected both with ferrules and without ferrules

### Material

Inflammability class according to UL 94	HB
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

### Certificates / Approvals



Certification

GOST

Certifications applied for:

Certification Ex:

**Accessories**

Item	Designation	Description
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**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
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**Protection and sealing elements**

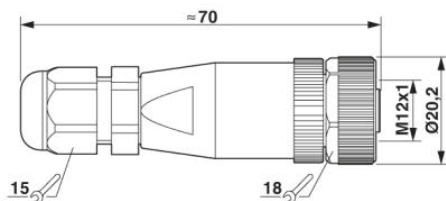
1430899	PROT-M12 MS-PA-CHAIN	M12 sealing cap with fixing band, for sensor cables, for free M12 sockets
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**Tools**

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

**Drawings**

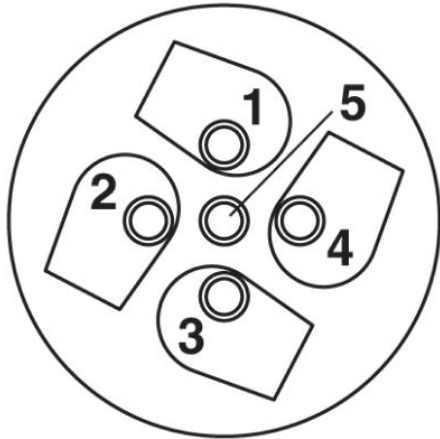
Dimensioned drawing



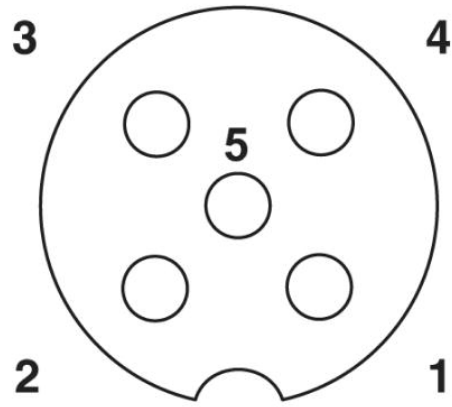
M12 x 1 socket, straight

Schematic diagram

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Cable connection side M12 (screw connection)



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

**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>



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