


**SACC-MS-4CON-PG 7-M SCO**

Order No.: 1542952

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1542952>Sensor/actuator connector, male, straight, 4-pos., M12 SPEEDCON,  
A-coded, screw connection, metal knurl, cable screw connection Pg7

Commercial data	
GTIN (EAN)	 4 046356 097680
sales group	D120
Pack	1 pcs.
Customs tariff	85444290
Catalog page information	Page 45 (PC-2009)

## Product notes

WEEE/RoHS-compliant since:  
05/01/2006

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## 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

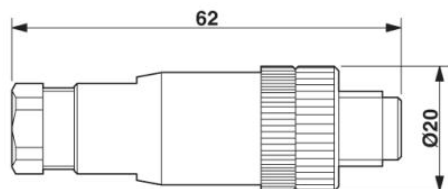
Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	Cu alloy
Contact surface material	CuSnZn
Contact carrier material	PA 66
Material of grip body	PBT
Material, knurls	Zinc die-cast, (nickel-plated)
Sealing material	NBR
Type of connection	Screw connection
Conductor cross section stranded min.	0.25 mm <sup>2</sup>
Conductor cross section stranded max.	0.75 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	18
External cable diameter	4 mm ... 6 mm
Status display	No

#### Accessories

Item	Designation	Description
<b>General</b>		
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

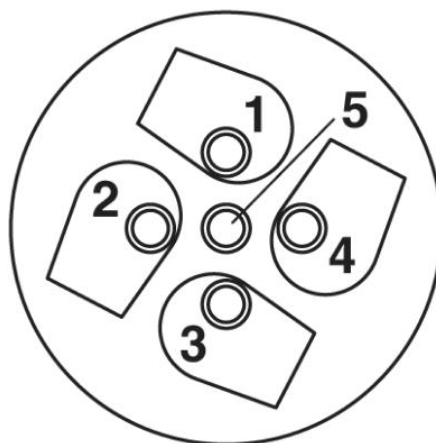
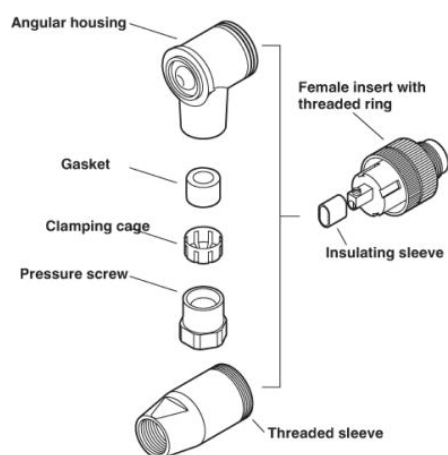
## Diagrams/Drawings

### Dimensioned drawing



M12 x 1 male connector, straight

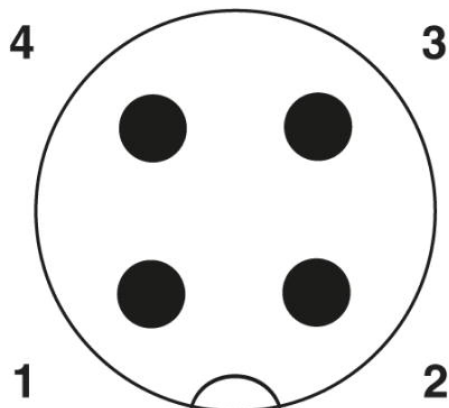
### Schematic diagram



Male/Female M12

Cable connection side M12 (screw connection)

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



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