


## SACC-M12FR-4CON-PG 7-VA

Order No.: 1553284

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1553284>

Sensor/actuator connector, female, angled, 4-pos., M12, screw connection, high-grade steel knurl, cable screw connection PG7

### Commercial data

GTIN (EAN)	 4 046356 170208
sales group	D121
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 211 (PC-2011)

### Product notes

WEEE/RoHS-compliant since:  
11/10/2006



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### Technical data

#### General data

Rated current at 40°C	4 A
Rated voltage	30 V
Number of positions	4
Volume resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ

Ambient temperature (operation)	-40 °C ... 85 °C
<b>General characteristics</b>	
Standards/regulations	M8 connector IEC 61076-2-104
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuSn
Contact surface material	Au
Contact carrier material	PUR / PA66
Material of grip body	PBT
Material, knurls	Nickel-plated brass
Sealing material	NBR
Connection method	Solder cup
Conductor cross section stranded min.	0.08 mm <sup>2</sup>
Conductor cross section stranded max.	0.25 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	22
External cable diameter	3.5 mm ... 5 mm
Status display	No

### Certificates / Approvals



Certification

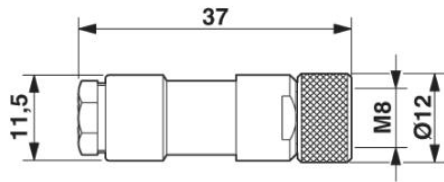
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### Accessories

Item	Designation	Description
<b>General</b>		
1436945	SACC-M 8-SET/2,2-3,5	Sensor/actuator connector, accessories, pressure screw and seal, for unshielded M8 connector, cable diameter 2.2 mm - 3.5 mm

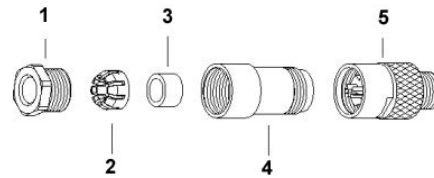
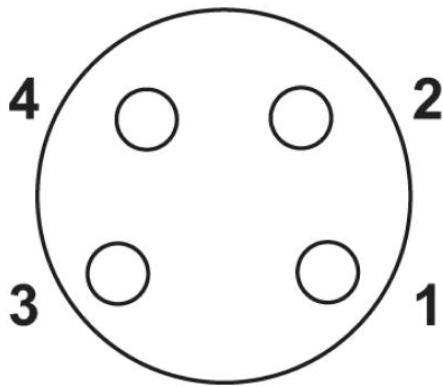
## Diagrams/Drawings

### Dimensioned drawing



Socket M8 x 1, straight

### Schematic diagram



- 1 = pressure screw
- 2 = clamp-type cage
- 3 = gasket
- 4 = housing
- 5 = male or female insert

Pin assignment M8 socket, 4-pos., view female side

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