


**SACC-M12FS-5CON-PG9-M**

Order No.: 1681486

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1681486>Sensor/actuator connector, female, straight, 5-pos., M12, A-coded,  
screw connection, metal knurl, cable screw connection Pg9**Commercial data**

|                          |   |
|--------------------------|---|
| GTIN (EAN)               | <br>4 017918 157449 |
| sales group              | D121  |
| Pack                     | 1 pcs.  |
| Customs tariff           | 85366990  |
| Catalog page information | Page 45 (PC-2009)   |

**Product notes**WEEE/RoHS-compliant since:  
01/19/2006

<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 (Male connector / female connector) |
| <b>General characteristics</b>         |  |
| Standards/regulations                  | M12 connector IEC 61076-2-101                        |
| Coding                                 | A - standard   |
| Surge voltage category                 | II   |
| Pollution degree                       | 3  |
| Degree of protection                   | IP67   |
| 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  |
| 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                | 6 mm ... 8 mm  |
| Status display                         | No   |

#### Certificates / Approvals

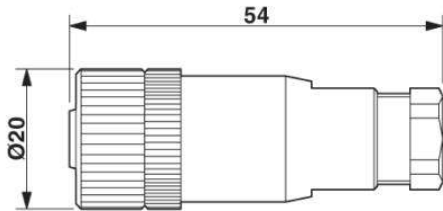


Certification

CUL, GOST, UL

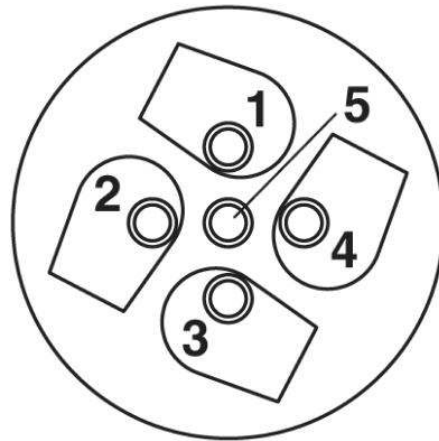
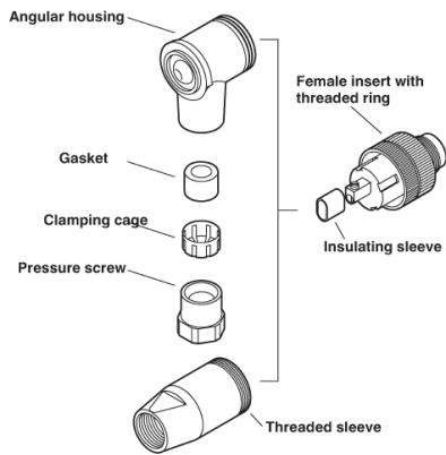
**Diagrams/Drawings**

Dimensioned drawing



M12 x 1 female connector, straight

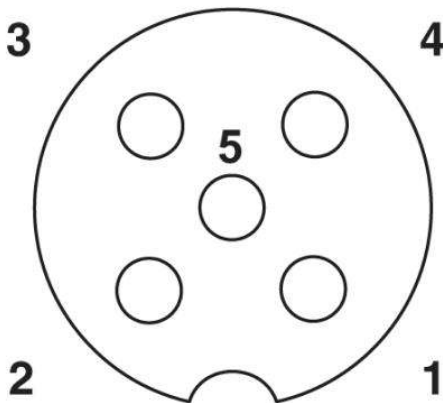
Schematic diagram



Male/Female M12

Cable connection side M12 (screw connection)

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



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