

**SACC-FS-4QO-0,34-M SCO**

Order No.: 1521588

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1521588>

Sensor/actuator connector, socket, straight, 4-pos., M12 SPEEDCON,  
A-coded, QUICKON-ONE, metal knurl, cable diameter max. 6 mm

**Commercial data**

|                          |                                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------|
| GTIN (EAN)               | <br>4 017918 953058 |
| sales group              | D121                                                                                                  |
| Pack                     | 1 pcs.                                                                                                |
| Customs tariff           | 85369010                                                                                              |
| Catalog page information | Page 48 (PC-2009)                                                                                     |

**Product notes**

WEEE/RoHS-compliant since:  
11/13/2006



[http://  
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)  
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**Technical data****General data**

|                       |        |
|-----------------------|--------|
| Rated current at 40°C | 4 A    |
| Rated voltage         | 125 V  |
| Number of positions   | 4      |
| Volume resistance     | ≤ 5 mΩ |

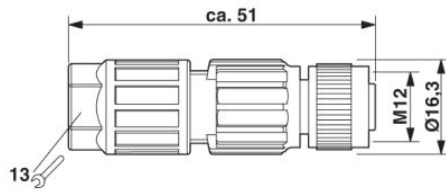
|                                 |                                                      |
|---------------------------------|------------------------------------------------------|
| Insulation resistance           | $\geq 100 \text{ M}\Omega$                           |
| Ambient temperature (operation) | -25 °C ... 80 °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                                                        | IP65/67                        |
| Contact material                                                            | CuSn                           |
| Contact surface material                                                    | Ni/Au                          |
| Contact carrier material                                                    | PA 66                          |
| Material of grip body                                                       | PA 66                          |
| Material, knurls                                                            | Zinc die-cast, (nickel-plated) |
| Sealing material                                                            | NBR                            |
| Type of connection                                                          | QUICKON fast connection        |
| Conductor cross section stranded min.                                       | 0.14 mm <sup>2</sup>           |
| Conductor cross section stranded max.                                       | 0.34 mm <sup>2</sup>           |
| Conductor cross section AWG/kcmil min.                                      | 26                             |
| Conductor cross section AWG/kcmil max                                       | 22                             |
| Wire diameter including insulation                                          | 0.7 mm ... 1.6 mm              |
| Frequency of connections between conductors of the same cross section       | 10                             |
| External cable diameter                                                     | 3.5 mm ... 6 mm                |
| Wire insulation material                                                    | PVC/PE/PP                      |
| Tightening torque, union nut                                                | 0.8 Nm                         |
| Structure of individual litz in acc. with VDE 0295 / smallest wire diameter | Class 2-6                      |
| Status display                                                              | No                             |

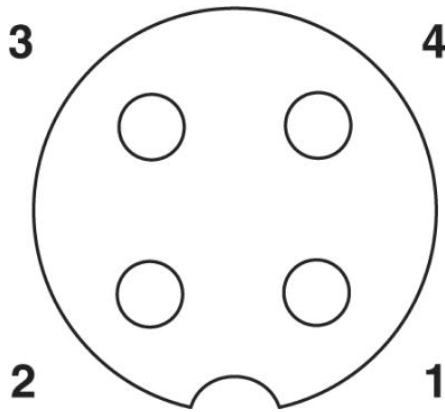
## Diagrams/Drawings

### Dimensioned drawing



M12 x 1 female connector, straight

### Schematic diagram



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

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