


**SACC-M12MS-4QO-0,75**

Order No.: 1641769

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1641769>Sensor/actuator connector, plug, straight, 4-pos., M12, A-coded,  
QUICKON-ONE, plastic knurl, cable diameter max. 8 mm**Commercial data**

|                          |   |
|--------------------------|---|
| GTIN (EAN)               | <br>4 017918 921880 |
| sales group              | D120  |
| Pack                     | 1 pcs.  |
| Customs tariff           | 85366990  |
| Catalog page information | Page 48 (PC-2009)   |

**Product notes**WEEE/RoHS-compliant since:  
12/01/2005

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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     | ≤ 5 mΩ   |
| Insulation resistance | ≥ 100 MΩ |

|   |  |
|---|--|
| Ambient temperature (operation)   | -25 °C ... 80 °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  | IP65/67  |
| Contact material  | CuSn   |
| Contact surface material  | Ni/Au  |
| Contact carrier material  | PA 66  |
| Material of grip body   | PA 66  |
| Material, knurls  | Plastic  |
| Sealing material  | NBR  |
| Type of connection  | QUICKON fast connection                              |
| Conductor cross section stranded min.                                       | 0.34 mm <sup>2</sup>                                 |
| Conductor cross section stranded max.                                       | 0.75 mm <sup>2</sup>                                 |
| Conductor cross section AWG/kcmil min.                                      | 22   |
| Conductor cross section AWG/kcmil max                                       | 18   |
| Wire diameter including insulation  | 1.3 mm ... 2.6 mm                                    |
| Frequency of connections between conductors of the same cross section       | 10   |
| External cable diameter   | 4 mm ... 8 mm  |
| Wire insulation material  | PVC/PE/PP  |
| Tightening torque, union nut  | 1.2 Nm   |
| Wrench size, union nut  | 15 mm  |
| Structure of individual litz in acc. with VDE 0295 / smallest wire diameter | Class 2-6  |
| Status display  | No   |

**Certificates / Approvals**



Certification

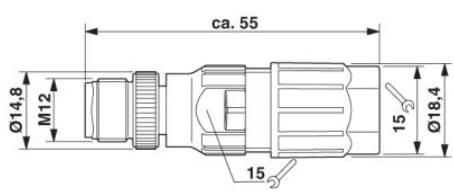
CUL, GOST, UL

**Accessories**

| Item         | Designation     | Description   |
|--------------|-----------------|---|
| <b>Tools</b> |                 |   |
| 1641992      | QSS 15          | Allen wrench, for loosening and fastening the QUICKON union nut, WAF 15 mm  |
| 1208432      | SAC BIT M12-D15 | Nut for assembling sensor/actuator cables with M12 connector and for 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   |

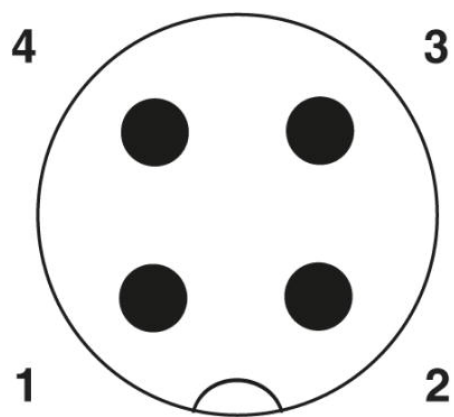
**Diagrams/Drawings**

Dimensioned drawing



M12 x 1 male connector, straight

Schematic diagram



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

**Address**

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