


SACC-FS-4QO-0,75-M SCO

Order No.: 1521601

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1521601>Sensor/actuator connector, socket, straight, 4-pos., M12 SPEEDCON,
A-coded, QUICKON-ONE, metal knurl, cable diameter max. 8 mm**Commercial data**

| | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 953041 |
| sales group | D121 |
| Pack | 1 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 73 (PC-2011) |

Product notesWEEE/RoHS-compliant since:
08/01/2005

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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) |
| | -5 °C ... 50 °C (when the conductor is connected) |

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 |
| Torque | 0.4 Nm (M12 knurl) |
| 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 |
| Connection method | QUICKON fast connection |
| Conductor cross section stranded min. | 0.34 mm ² |
| Conductor cross section stranded max. | 0.75 mm ² |
| 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 |
| 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 |

Accessories

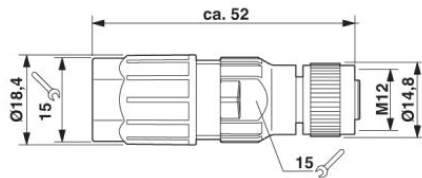
| Item | Designation | Description |
|------|-------------|-------------|
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Tools

| | | |
|---------|-----------------------|---|
| 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 |
| 1212600 | TSD-M SAC-BIT ADAPTER | Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits |

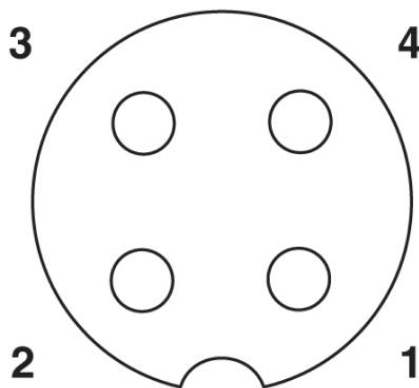
Diagrams/Drawings

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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