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► Extract from the online catalog



Sensor/actuator connector, socket, straight, 4-pos.,
M12 SPEEDCON, A-coded, QUICKON-ONE, metal
knurl, cable diameter max. 8 mm

| | |
|--------------------------|------------------------|
| Order No. | 1521601 |
| Ord designation | SACC-FS-4QO-0,75-M SCO |
| EAN | 4017918953041 |
| Pack | 1 Pcs. |
| Customs tariff | 85369010 |
| Weight/Piece | 0.0158 KG |
| Catalog page information | Page 36 (AX-2007) |

► Product notes

WEEE/RoHS-compliant since: 12/01/2005



IMPORTANT : This date is valid for Customers in Germany only. Date Format is MM/DD/YYYY. Please contact your local in-country Phoenix Contact location or designated business partner for a Logistics Compliant date in your area. In order to guarantee delivery of RoHS-Compliant product, please purchase Phoenix Contact parts from authorized Phoenix Contact representatives and distributors.

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



▶ **Technical data**

General data

| | |
|---------------------------------|--------------------------------|
| Nominal current I_N | 4 A |
| Nominal voltage U_N | 250 V |
| Number of positions | 4 |
| Volume resistance | $\leq 5 \text{ m}\Omega$ |
| Ambient temperature (operation) | -25 °C ... 80 °C (plug/socket) |

General characteristics

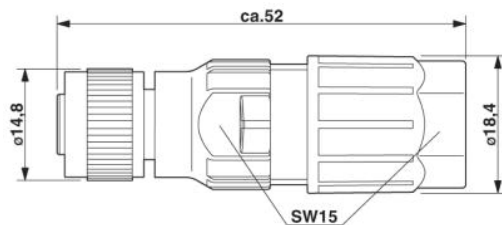
| | |
|--|--------------------------------|
| Keying | A - standard |
| Inflammability class acc. to UL 94 | V0 |
| Surge voltage category | II |
| Contamination class | 3 |
| Degree of protection | IP65/67 |
| Material of contact | CuSn |
| Material of contact surface | Ni/Au |
| Contact carrier material | PA 66 |
| Material of grip body | PA 66 |
| Material, knurls | Zinc die-cast, (nickel-plated) |
| 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 |
| Type of connection | QUICKON fast connection |
| Volume resistance | $\leq 5 \text{ m}\Omega$ |
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |

Conductor data

| | |
|---|-------------------|
| Wire diameter including insulation | 1.3 mm ... 2.6 mm |
| Frequency of connections between conductors of the same cross section | 10 |
| Minimum external conductor diameter | 4 mm |
| Maximum external conductor diameter | 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 |
| Conductor cross section AWG/kcmil min. | 22 |
| Conductor cross section AWG/kcmil max. | 18 |

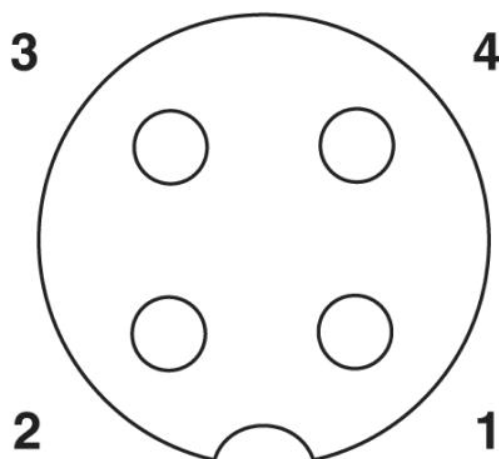
▶ Drawings

Dimensioned drawing



M12 x 1 female connector, straight

Schematic diagram



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

► Address

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