


SACC-M 8FS-3CON-M-SH

Order No.: 1506927

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1506927>

Sensor/actuator connector, female, straight, 3-pos., M8, shielded,
solder connection, metal knurl, cable diameter max. 5 mm

Commercial data

| | |
|--------------------------|---|
| GTIN (EAN) |  4 017918 881177 |
| sales group | D121 |
| Pack | 1 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 42 (PC-2009) |

Product notes

WEEE/RoHS-compliant since:
03/21/2006



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Technical data

General data

| | |
|-----------------------|----------|
| Rated current at 40°C | 4 A |
| Rated voltage | 60 V |
| Number of positions | 3 |
| Volume resistance | ≤ 3 mΩ |
| Insulation resistance | ≥ 100 MΩ |

| | |
|--|--|
| Ambient temperature (operation) | -40 °C ... 85 °C (Male connector / female connector) |
| General characteristics | |
| Standards/regulations | M8 connector IEC 61076-2-104 |
| Coding | A - standard |
| Surge voltage category | II |
| Pollution degree | 3 |
| Degree of protection | IP67 |
| Contact material | CuSn |
| Contact surface material | Au |
| Contact carrier material | PUR / PA66 |
| Material of grip body | Nickel-plated brass |
| Material, knurls | Nickel-plated brass |
| Sealing material | NBR |
| Type of connection | Solder cup |
| Conductor cross section stranded min. | 0.08 mm ² |
| Conductor cross section stranded max. | 0.25 mm ² |
| Conductor cross section AWG/kcmil min. | 28 |
| Conductor cross section AWG/kcmil max | 22 |
| External cable diameter | 3.5 mm ... 5 mm |
| Status display | No |

Certificates / Approvals

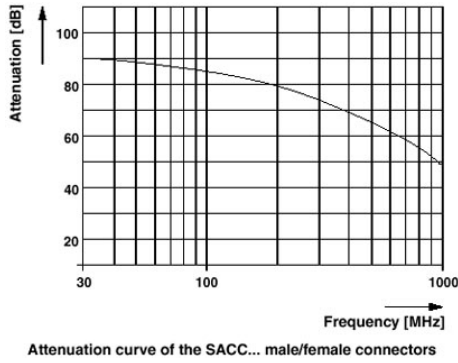


Certification

GOST

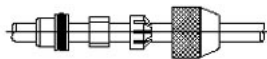
Diagrams/Drawings

Diagram

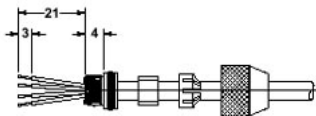


Functional drawing

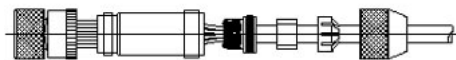
Assembly steps for M8 male/female connector and conductor



Slide parts onto the conductor



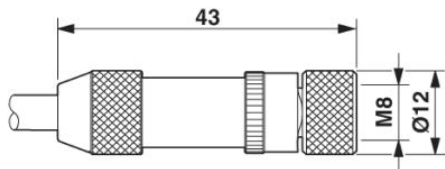
Strip conductor, widen shield and lay around the shielding ring, cut off projecting mesh.



Slide cores through the housing, mount shielding ring, gasket and clamping cage. Tighten pressure screw to fix the cable. Solder on cores, mount male/female connector part and tighten pressure screw.

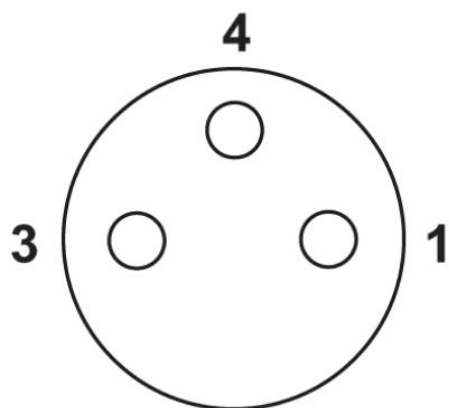
Dimensioned drawing

Socket M8 x 1, straight, shielded



Schematic diagram

Pin assignment M8 socket, 3-pos., view female side



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