


SACC-M12MSB-5SC SH

Order No.: 1513570

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1513570>

Sensor/actuator connector, male, straight, 5-pos., M12, shielded, B-coded, spring-cage connection, metal knurl, cable cross section max. 8 mm

| Commercial data | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 946661 |
| sales group | D124 |
| Pack | 1 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 383 (AX-2009) |

Product notes

WEEE/RoHS-compliant since:
02/14/2006



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| Technical data | |
|-----------------------|--------|
| General data | |
| Rated current at 40°C | 4 A |
| Rated voltage | 60 V |
| Number of positions | 5 |
| Volume resistance | ≤ 8 mΩ |

| | |
|---------------------------------|--|
| Insulation resistance | ≥ 100 MΩ |
| Ambient temperature (operation) | -40 °C ... 85 °C (Male connector / female connector) |

General characteristics

| | |
|--|------------------------------|
| Coding | B - inverse |
| Surge voltage category | II |
| Pollution degree | 3 |
| Degree of protection | IP67 |
| Contact material | CuSn |
| Contact surface material | Ni/Au |
| Contact carrier material | PA 66 |
| Material of grip body | Zinc die-cast, nickel-plated |
| Material, knurls | Nickel-plated brass |
| Sealing material | NBR |
| Type of connection | Spring-cage conn. |
| Conductor cross section stranded min. | 0.14 mm ² |
| Conductor cross section stranded max. | 0.5 mm ² |
| Conductor cross section AWG/kcmil min. | 26 |
| Conductor cross section AWG/kcmil max | 20 |
| External cable diameter | 4 mm ... 8 mm |
| Status display | No |

Certificates / Approvals

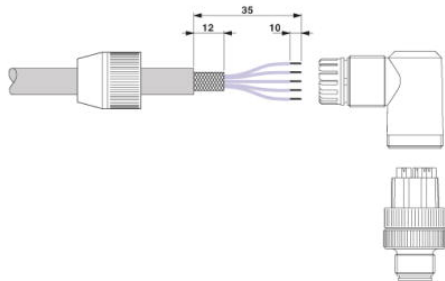


Certification

CUL, UL

Diagrams/Drawings

Functional drawing

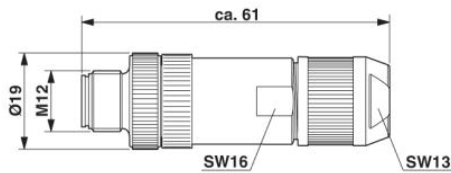


Assembly of the shielded conductor

1) For straight version: 28 mm

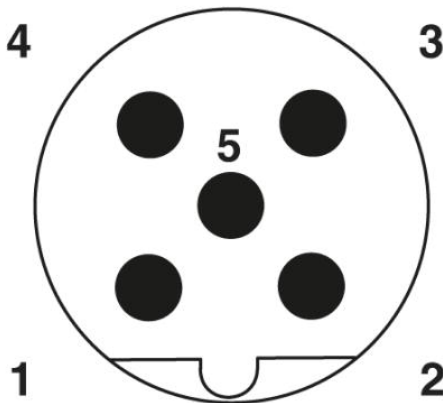
Slide the pressure nut onto the cable, strip the cable, shorten the shield, strip the cores. Thread the cores through the housing and connect them. Screw the body of the connector onto the housing. Tighten the pressure nut.

Dimensioned drawing



M12 x 1 male connector, straight, shielded

Schematic diagram



Pin assignment M12 male connector, 5-pos., B-coded, male side

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