

## SACC-FR-4SC SH SCO

Order No.: 1432758



Sensor/actuator connector, socket, angled, 4-pos., M12 SPEEDCON, shielded, A-coded, spring-cage connection, metal knurl, cable diameter max. 8 mm



| Commercial data          |                                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------|
| EAN                      | <br>4 046356 348324 |
| Note                     | Made-to-order                                                                                         |
| Pack                     | 1                                                                                                     |
| Customs tariff           | 85366990                                                                                              |
| Catalog page information | Page 50 (PC-2009)                                                                                     |

### Product notes

WEEE/RoHS-compliant since:  
2008-03-06



### Technical data

| General data                    |                                                      |
|---------------------------------|------------------------------------------------------|
| Rated current at 40°C           | 4 A                                                  |
| Rated voltage                   | 60 V                                                 |
| Number of positions             | 4                                                    |
| Volume resistance               | $\leq 8 \text{ m}\Omega$                             |
| Insulation resistance           | $\geq 100 \text{ M}\Omega$                           |
| Ambient temperature (operation) | -40 °C ... 85 °C (Male connector / female connector) |

#### General characteristics

|                                        |                               |
|----------------------------------------|-------------------------------|
| Standards/regulations                  | M12 connector IEC 61076-2-101 |
| Coding                                 | A - standard                  |
| 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 <sup>2</sup>          |
| Conductor cross section stranded max.  | 0.5 mm <sup>2</sup>           |
| 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

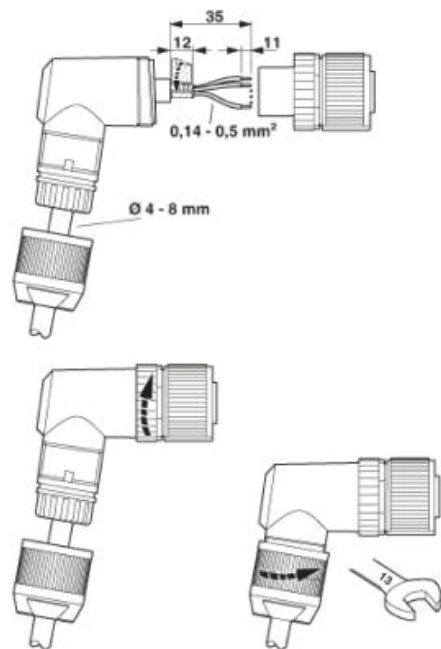


Certification

CUL, UL

## Drawings

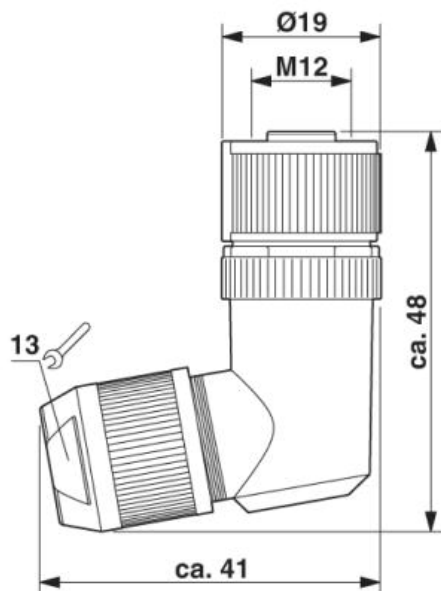
### Functional drawing



Stripping length 28 mm, for angled version 35 mm. Strip the cable, shorten the shield, stick the shielding foil around the shortened shield. Strip off individual wires, push pressure nuts onto the cable. Lead the wires through the housing and connect them. Screw the connector body onto the housing, tighten the pressure nuts.

### Dimensioned drawing

Socket M12-SPEEDCON, angled, shielded



Schematic diagram

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

