

## SACC-M12FRB-5SC SH

Order No.: 1513606



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

### Commercial data

|                          |                                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------|
| EAN                      | <br>4 017918 946685 |
| Pack                     | 1                                                                                                     |
| Customs tariff           | 85366990                                                                                              |
| Catalog page information | Page 38 (PC-2007)                                                                                     |

### Product notes

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



### Technical data

#### General data

|                                 |                                                      |
|---------------------------------|------------------------------------------------------|
| Rated current at 40°C           | 4 A                                                  |
| Rated voltage                   | 60 V                                                 |
| Number of positions             | 5                                                    |
| 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

|                                        |                              |
|----------------------------------------|------------------------------|
| 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 <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

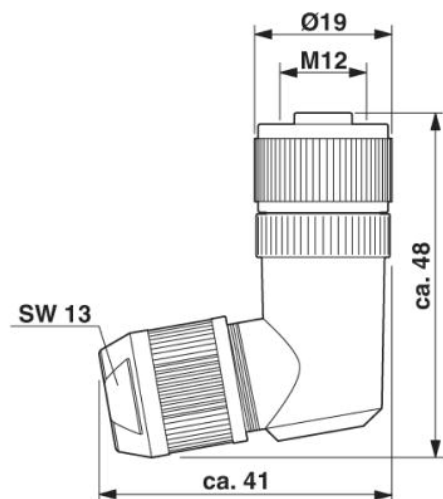


Certification

CUL, UL

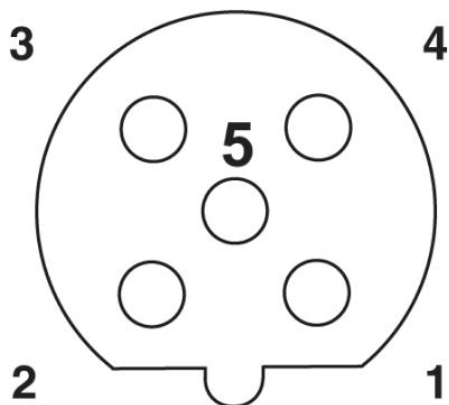
## Drawings

### Dimensioned drawing



M12 x 1 female connector, angled, shielded

### Schematic diagram



Pin assignment M12 socket, 5-pos., B-coded, view socket side