

# SACC-FR-5CON-PG 7-M SCO

Order No.: 1543061



Sensor/actuator connector, female, angled, 5-pos., M12 SPEEDCON, A-coded, screw connection, metal knurl, cable screw connection PG 7



## Commercial data

|                          |                                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------|
| EAN                      | <br>4 046356 097574 |
| Pack                     | 1                                                                                                     |
| Customs tariff           | 85444290                                                                                              |
| Catalog page information | Page 45 (PC-2009)                                                                                     |

## Product notes

WEEE/RoHS-compliant since:  
2006-05-01



## 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**

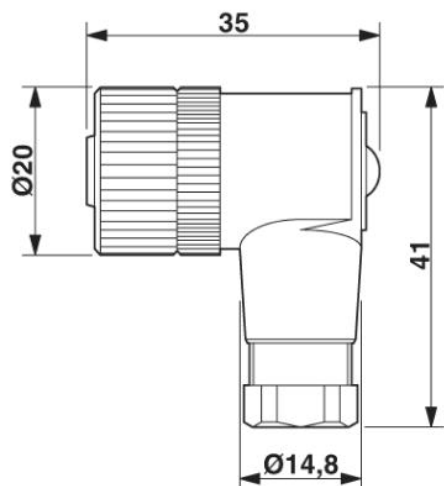
|                                        |                               |
|----------------------------------------|-------------------------------|
| Standards/regulations                  | M12 connector IEC 61076-2-101 |
| Coding                                 | A - standard                  |
| Surge voltage category                 | II                            |
| Pollution degree                       | 3                             |
| Degree of protection                   | IP67                          |
| Contact material                       | CuZn                          |
| Contact surface material               | CuSnZn                        |
| Contact carrier material               | PA 66                         |
| Material of grip body                  | PBT                           |
| Material, knurls                       | Nickel-plated brass           |
| Sealing material                       | NBR                           |
| Type of connection                     | Screw connection              |
| Conductor cross section stranded min.  | 0.25 mm <sup>2</sup>          |
| Conductor cross section stranded max.  | 0.75 mm <sup>2</sup>          |
| Conductor cross section AWG/kcmil min. | 24                            |
| Conductor cross section AWG/kcmil max  | 18                            |
| External cable diameter                | 4 mm ... 6 mm                 |
| Status display                         | No                            |

**Accessories**

| Item           | Designation          | Description                                                                                                                       |
|----------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b> |                      |                                                                                                                                   |
| 1436505        | SACC-M12-SET/2,5-3,5 | Sensor/actuator connector, accessories, pressure screw and Pg7 seal, for unshielded M12 connector, cable diameter 2.5 mm - 3.5 mm |

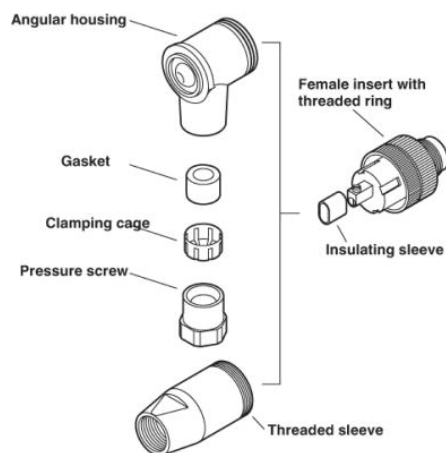
## Drawings

### Dimensioned drawing

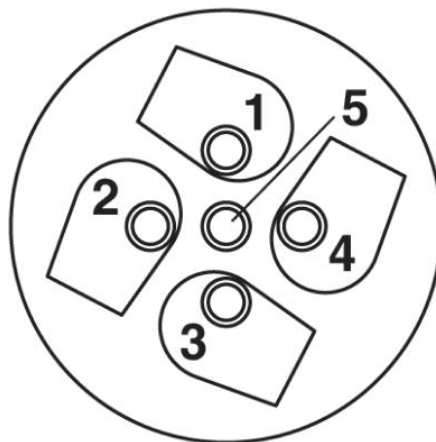


M12 x 1 female connector, angled

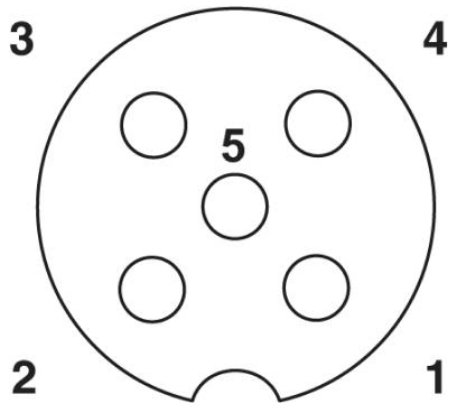
### Schematic diagram



Male/Female M12



Cable connection side M12 (screw connection)



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