

# SACC-M12FR-4CON-PG 7-VA

Order No.: 1553284



Sensor/actuator connector, female, angled, 4-pos., M12, screw connection, high-grade steel knurl, cable screw connection PG7

## Commercial data

|                          |                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------|
| EAN                      | <br>4 046356 170208 |
| Pack                     | 1                                                                                                    |
| Customs tariff           | 85366990                                                                                             |
| Catalog page information | Page 145 (PC-2009)                                                                                   |

## Product notes

WEEE/RoHS-compliant since:  
2006-11-10



## Technical data

### General data

|                                 |                            |
|---------------------------------|----------------------------|
| Rated current at 40°C           | 4 A                        |
| Rated voltage                   | 250 V                      |
| Number of positions             | 4                          |
| Volume resistance               | $\leq 3 \text{ m}\Omega$   |
| Insulation resistance           | $\geq 100 \text{ M}\Omega$ |
| Ambient temperature (operation) | -40 °C ... 85 °C           |

**General characteristics**

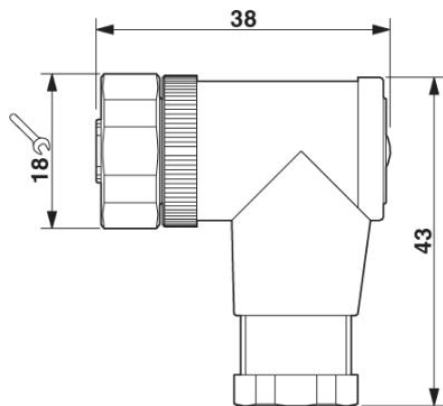
|                                        |                               |
|----------------------------------------|-------------------------------|
| Standards/regulations                  | M12 connector IEC 61076-2-101 |
| Coding                                 | A - standard                  |
| Surge voltage category                 | II                            |
| Pollution degree                       | 3                             |
| Degree of protection                   | IP67/IP69K                    |
| Contact material                       | CuZn                          |
| Contact surface material               | Au                            |
| Contact carrier material               | PA 66                         |
| Material of grip body                  | PBT                           |
| Material, knurls                       | High-grade steel              |
| 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 |

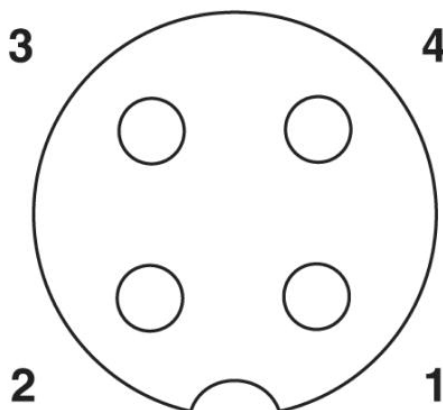
## Drawings

### Dimensioned drawing



M12 x 1 female connector, angled

### Schematic diagram



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