

# SACC-M 8FS-4CON-M

Order No.: 1681185



Sensor/actuator connector, female, straight, 4-pos., M8, solder connection, metal knurl, cable diameter max. 5 mm

## Commercial data

|                          |                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------|
| EAN                      | <br>4 017918 157531 |
| Pack                     | 1                                                                                                    |
| Customs tariff           | 85366990                                                                                             |
| Catalog page information | Page 40 (PC-2009)                                                                                    |

## Product notes

WEEE/RoHS-compliant since:  
2006-03-23



## Technical data

### General data

|                       |                            |
|-----------------------|----------------------------|
| Rated current at 40°C | 4 A                        |
| Rated voltage         | 30 V                       |
| Number of positions   | 4                          |
| Volume resistance     | $\leq 3 \text{ m}\Omega$   |
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |

#### General characteristics

|                                        |                              |
|----------------------------------------|------------------------------|
| Standards/regulations                  | M8 connector IEC 61076-2-104 |
| Coding                                 | A - standard                 |
| Surge voltage category                 | II                           |
| Pollution degree                       | 3                            |
| Degree of protection                   | IP67                         |
| Contact material                       | CuSn                         |
| Contact surface material               | Au                           |
| Contact carrier material               | PUR / PA66                   |
| Material of grip body                  | PBT                          |
| Material, knurls                       | Nickel-plated brass          |
| Sealing material                       | NBR                          |
| Type of connection                     | Solder cup                   |
| Conductor cross section stranded min.  | 0.08 mm <sup>2</sup>         |
| Conductor cross section stranded max.  | 0.25 mm <sup>2</sup>         |
| Conductor cross section AWG/kcmil min. | 28                           |
| Conductor cross section AWG/kcmil max  | 22                           |
| External cable diameter                | 3.5 mm ... 5 mm              |
| Status display                         | No                           |

#### Certificates



Certification

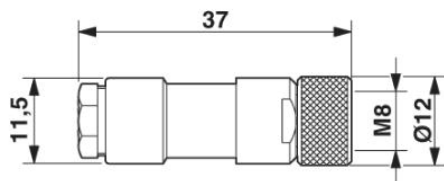
GOST

#### Accessories

| Item           | Designation          | Description                                                                                                                  |
|----------------|----------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b> |                      |                                                                                                                              |
| 1436945        | SACC-M 8-SET/2,2-3,5 | Sensor/actuator connector, accessories, pressure screw and seal, for unshielded M8 connector, cable diameter 2.2 mm - 3.5 mm |

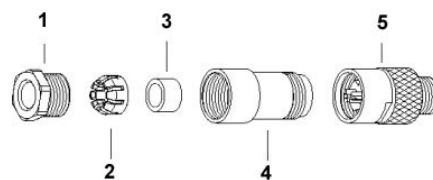
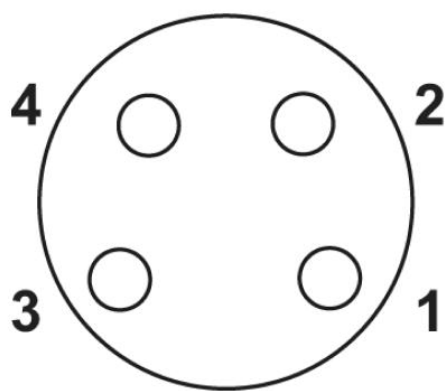
## Drawings

### Dimensioned drawing



Socket M8 x 1, straight

### Schematic diagram



- 1 = pressure screw
- 2 = clamp-type cage
- 3 = gasket
- 4 = housing
- 5 = male or female insert

Pin assignment M8 socket, 4-pos., view female side