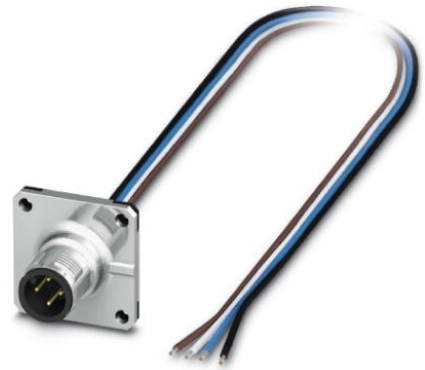


## SACC-SQ-M12MS-4CON-25F/0,5

Order No.: 1419991



Sensor/Actuator flush-type plug, 4-pos., M12, A-coded, front/square  
flange mounting, with 0.5 m TPE litz wire, 4 x 0.34 mm<sup>2</sup>



### Commercial data

|                          |                                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------|
| EAN                      | <br>4 046356 533812 |
| Pack                     | 1                                                                                                     |
| Customs tariff           | 85444290                                                                                              |
| Catalog page information | Page 106 (NTK-2010)                                                                                   |

### Product notes

WEEE/RoHS-compliant since:  
2010-02-25



### Technical data

#### General data

|                       |          |
|-----------------------|----------|
| Rated current at 40°C | 4 A      |
| Rated voltage         | 250 V    |
| Number of positions   | 4        |
| Volume resistance     | ≤ 3 mΩ   |
| Insulation resistance | ≥ 100 MΩ |
| Length of cable       | 0.5 m    |

|                                 |                                                      |
|---------------------------------|------------------------------------------------------|
| Ambient temperature (operation) | -25 °C ... 85 °C (Male connector / female connector) |
|---------------------------------|------------------------------------------------------|

**General characteristics**

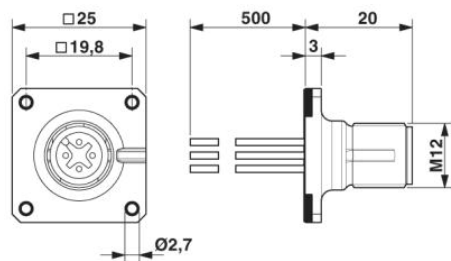
|                          |                                |
|--------------------------|--------------------------------|
| Standards/regulations    | M12 connector IEC 61076-2-101  |
| Coding                   | A - standard                   |
| Surge voltage category   | II                             |
| Pollution degree         | 3                              |
| Degree of protection     | IP67                           |
| Contact material         | CuZn                           |
| Contact surface material | Ni/Au                          |
| Contact carrier material | PA 66                          |
| Material, knurls         | Zinc die-cast, (nickel-plated) |
| Sealing material         | NBR                            |
| Mounting type            | Front mounting Square flange   |
| Type of connection       | Individual wires               |
| Status display           | No                             |

**Conductor data**

|                                 |                                              |
|---------------------------------|----------------------------------------------|
| Cable type                      | TPE litz wire                                |
| Conductor cross section         | 0.34 mm <sup>2</sup>                         |
| AWG signal line                 | 22                                           |
| Wire colors                     | Black, brown, blue, white                    |
| Conductor material              | Tin-plated Cu litz wires                     |
| Ambient temperature (operation) | -25 °C ... 90 °C (cable, fixed installation) |

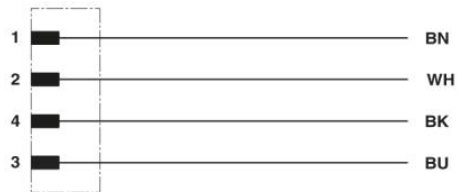
**Drawings**

## Dimensioned drawing



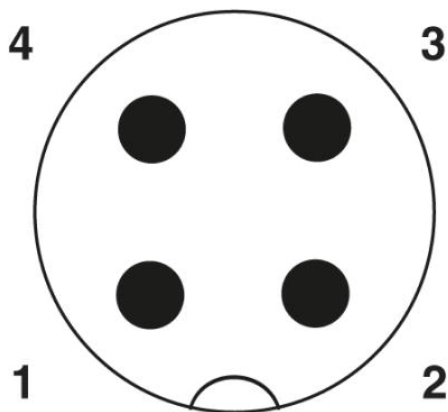
M12 flush-type connector

#### Circuit diagram



Contact assignment of the M12 plug and the M12 socket

#### Schematic diagram



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