

## SACC-DSI-M12MS-12CON-M16/0,5

Order No.: 1419700



Sensor/actuator flush-type connector, 12-pos., M12 SPEEDCON, rear/screw mounting with M16 thread, with 0.5 m TPE litz wire, 12 x 0.14 mm<sup>2</sup>



| Commercial data          |                                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------|
| EAN                      | <br>4 046356 533553 |
| Note                     | Made-to-order                                                                                         |
| Pack                     | 1                                                                                                     |
| Customs tariff           | 85444290                                                                                              |
| Catalog page information | Page 107 (NTK-2010)                                                                                   |

### Product notes

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



### Technical data

| General data          |          |
|-----------------------|----------|
| Rated current at 40°C | 1.5 A    |
| Rated voltage         | 30 V     |
| Number of positions   | 12       |
| Volume resistance     | ≤ 3 mΩ   |
| Insulation resistance | ≥ 100 MΩ |
| Length of cable       | 0.5 m    |

#### General characteristics

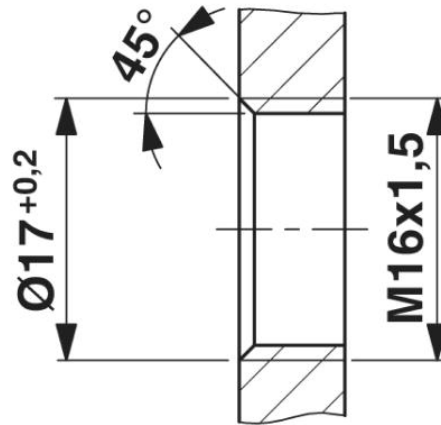
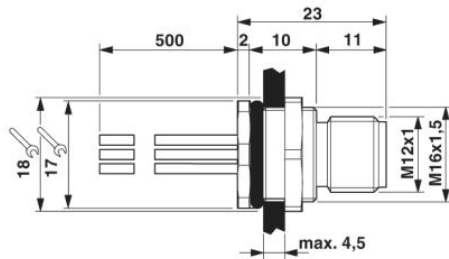
|                          |                                       |
|--------------------------|---------------------------------------|
| Standards/regulations    | M12 connector IEC 61076-2-101         |
| Coding                   | A - standard                          |
| Surge voltage category   | II                                    |
| Pollution degree         | 3                                     |
| Degree of protection     | IP67                                  |
| Contact material         | CuZn                                  |
| Contact surface material | Au                                    |
| Contact carrier material | PA 66                                 |
| Material, knurls         | Zinc die-cast, (nickel-plated)        |
| Sealing material         | NBR                                   |
| Mounting type            | Rear mounting M16 x 1.5 With flat nut |
| Type of connection       | Individual wires                      |
| Status display           | No                                    |

#### Conductor data

|                               |                          |
|-------------------------------|--------------------------|
| Cable type                    | TPE litz wire            |
| Conductor cross section       | 0.14 mm <sup>2</sup>     |
| AWG signal line               | 26                       |
| Wire colors                   | Color-coded DIN 47100    |
| Material conductor insulation | TPE                      |
| Conductor material            | Tin-plated Cu litz wires |

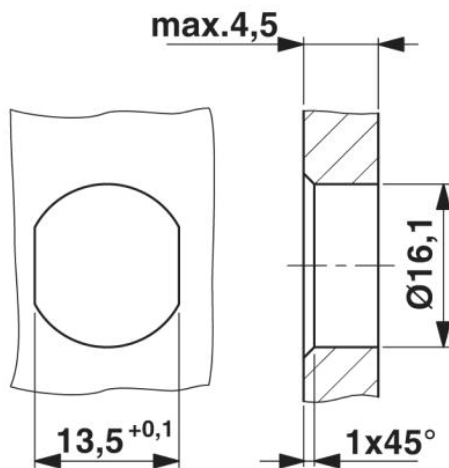
## Drawings

## Dimensioned drawing

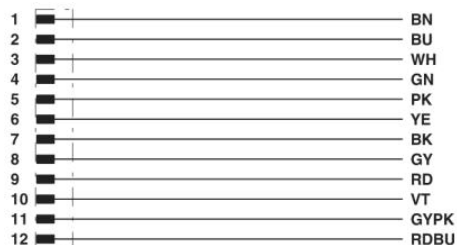


Housing cutout for M16 fastening thread,  
mounting panel with thread

Housing cutout for M16 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)



### Circuit diagram



### Contact assignment of the M12 plug

Schematic diagram

Pin assignment M12 male connector, 12-pos., male side view

