

## SACC-E-M12FS-5CON-M16/0,5

This product has been replaced by a newer version.

Order No.: 1501579



Sensor/Actuator flush-type socket, 5-pos., M12, A-coded, front/screw mounting with M16 thread, with 0.5 m TPE litz wire, 5 x 0.34 mm<sup>2</sup>

### Commercial data

|                          |                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------|
| EAN                      | <br>4 017918 821388 |
| Note                     | Made-to-order                                                                                        |
| Pack                     | 1                                                                                                    |
| Customs tariff           | 85366990                                                                                             |
| Catalog page information | Page 20 (PC-2007)                                                                                    |

### Product notes

WEEE/RoHS-compliant since:  
2005-12-20



### Technical data

#### General data

|                       |          |
|-----------------------|----------|
| Rated current at 40°C | 4 A      |
| Rated voltage         | 60 V     |
| Number of positions   | 5        |
| 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) |
| <b>General characteristics</b>  |                                                      |
| Coding                          | A - standard                                         |
| Surge voltage category          | II                                                   |
| Pollution degree                | 3                                                    |
| Degree of protection            | IP67                                                 |
| Contact material                | CuZn                                                 |
| Contact surface material        | Au                                                   |
| Contact carrier material        | PA66 GF                                              |
| Material, knurls                | Zinc die-cast, (nickel-plated)                       |
| Sealing material                | NBR                                                  |
| Mounting type                   | Front mounting M16 x 1.5                             |
| Type of connection              | Individual wires                                     |
| Status display                  | No                                                   |

|                                    |                                 |
|------------------------------------|---------------------------------|
| <b>Conductor data</b>              |                                 |
| Cable type                         | TPE litz wire                   |
| Conductor cross section            | 0.34 mm <sup>2</sup>            |
| AWG signal line                    | 22                              |
| Conductor structure signal line    | 7x 0.25 mm                      |
| Core diameter including insulation | 1.2 mm ±0.07 mm                 |
| Thickness, insulation              | 0.21 mm                         |
| Wire colors                        | Black, brown, blue, white, gray |
| Insulation resistance              | ≥ 20 MΩ*km                      |
| Conductor resistance               | ≤ 57.6 mΩ/m                     |
| Nominal voltage, conductor         | 300 V                           |
| Test voltage, conductor            | 2000 V AC                       |
| Material conductor insulation      | TPE                             |
| Conductor material                 | Tin-plated Cu litz wires        |

#### Certificates



Certification

CUL, GOST, UL

## Accessories

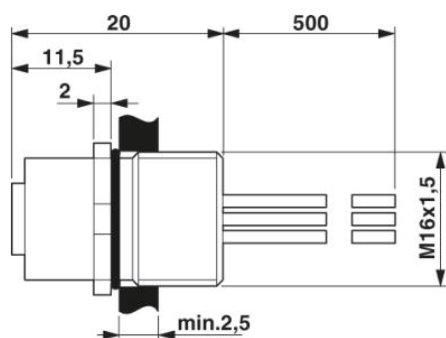
| Item | Designation | Description |
|------|-------------|-------------|
|------|-------------|-------------|

## Assembly

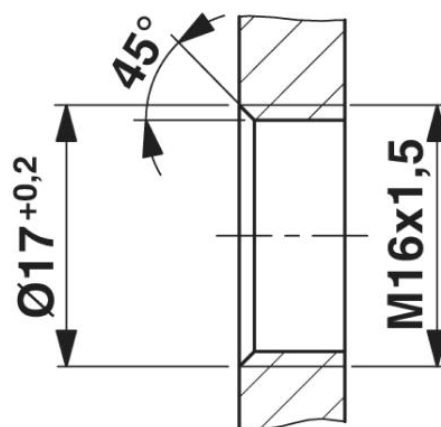
|         |               |                          |
|---------|---------------|--------------------------|
| 1504097 | SACC-E-MU-M16 | Flat nut with M16 thread |
|---------|---------------|--------------------------|

## Drawings

Dimensioned drawing

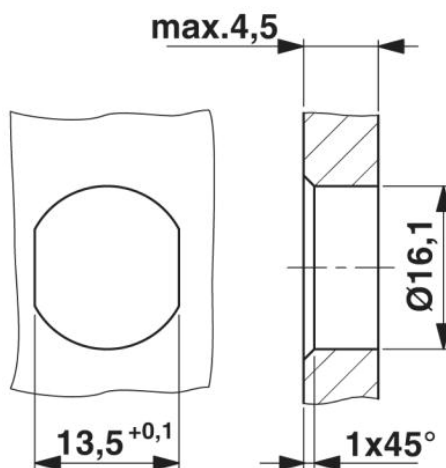


M12 flush-type connector

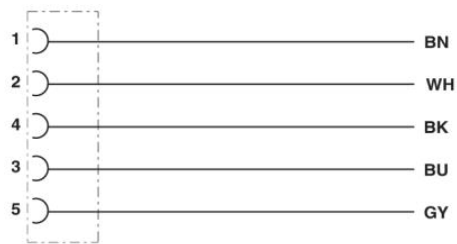


Housing cutout for M16 fastening thread, mounting panel with thread

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

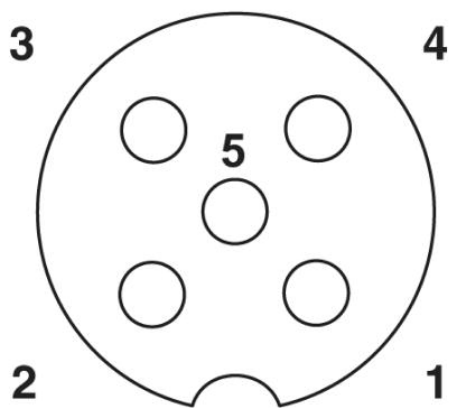


#### Circuit diagram



Contact assignment of the M12 plug and the M12 socket

#### Schematic diagram



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