

## Flush-type connector - SACC-SQ-M12MS-17CON-25F/0,5 - 1441600

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Sensor/actuator flush-type plug, 17-pos., M12, A-coded, front/square flange mounting, with 0.5 m TPE litz wire, 17 x 0.14 mm<sup>2</sup>

### Product Features

- ✓ 4 x fixing hole, 2.7 mm
- ✓ With form seal for M2.5 screws



### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 1             |
| GTIN             | 4046356533911 |

### Technical data

#### Dimensions

|                 |       |
|-----------------|-------|
| Length of cable | 0.5 m |
|-----------------|-------|

#### Ambient conditions

|                                 |                                  |
|---------------------------------|----------------------------------|
| Ambient temperature (operation) | -25 °C ... 85 °C (Plug / socket) |
| Degree of protection            | IP67                             |

#### General

|                        |                               |
|------------------------|-------------------------------|
| Rated current at 40 °C | 1.5 A                         |
| Rated voltage          | 30 V                          |
| Number of positions    | 17                            |
| Contact resistance     | ≤ 3 mΩ                        |
| Insulation resistance  | ≥ 100 MΩ                      |
| Coding                 | A - standard                  |
| Standards/regulations  | M12 connector IEC 61076-2-101 |
| Status display         | No                            |
| Surge voltage category | II                            |
| Pollution degree       | 3                             |
| Connection method      | Individual wires              |
| Mounting type          | Front mounting Square flange  |

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## Technical data

### Material

|                                         |                              |
|-----------------------------------------|------------------------------|
| Inflammability class according to UL 94 | V0                           |
| Contact material                        | CuZn                         |
| Contact surface material                | Ni/Au                        |
| Contact carrier material                | PA 66                        |
| Material, knurls                        | Zinc die-cast, nickel-plated |
| Sealing material                        | NBR                          |

### Cable

|                                 |                                              |
|---------------------------------|----------------------------------------------|
| Cable type                      | TPE litz wire                                |
| Conductor cross section         | 0.14 mm²                                     |
| Wire colors                     | Color-coded DIN 47100                        |
| Material conductor insulation   | TPE                                          |
| Conductor material              | Tin-plated Cu litz wires                     |
| Ambient temperature (operation) | -25 °C ... 90 °C (cable, fixed installation) |

## classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27140815 |
| eCl@ss 4.1 | 27140815 |
| eCl@ss 5.0 | 27143423 |
| eCl@ss 5.1 | 27143423 |
| eCl@ss 6.0 | 27279220 |
| eCl@ss 7.0 | 27440103 |
| eCl@ss 8.0 | 27440103 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001297 |
| ETIM 3.0 | EC002061 |
| ETIM 4.0 | EC002061 |
| ETIM 5.0 | EC002061 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11     | 31251501 |
| UNSPSC 12.01  | 31251501 |
| UNSPSC 13.2   | 39121413 |

## approvals

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## approvals

### Approval details

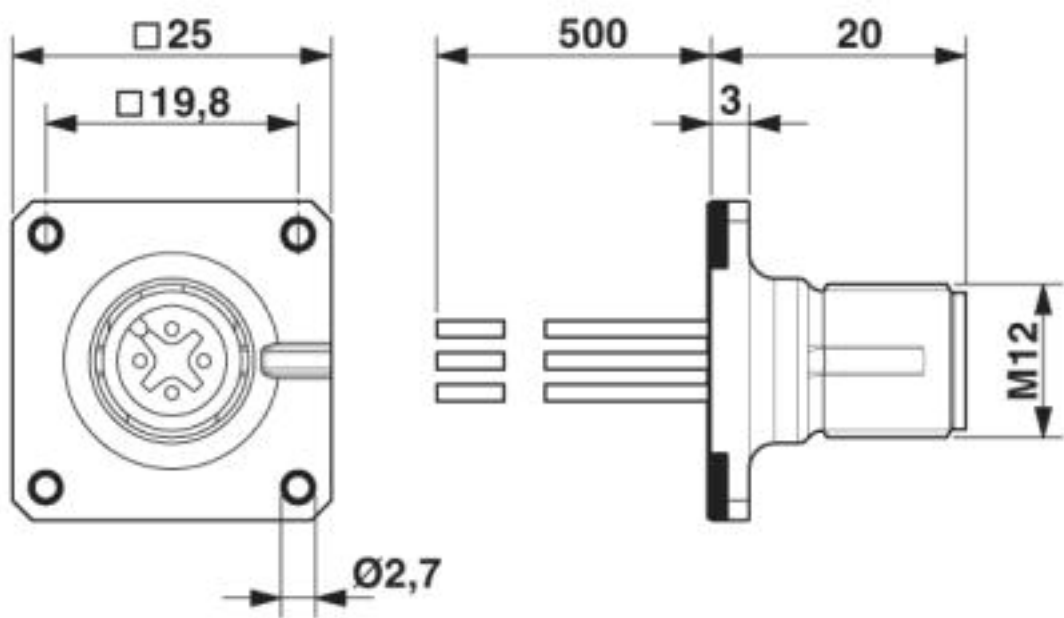
|                                                                                                 |       |
|-------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
| Nominal voltage UN                                                                              | 30 V  |
| Nominal current IN                                                                              | 1.5 A |
| mm²/AWG/kcmil                                                                                   | 26-20 |





## Drawings

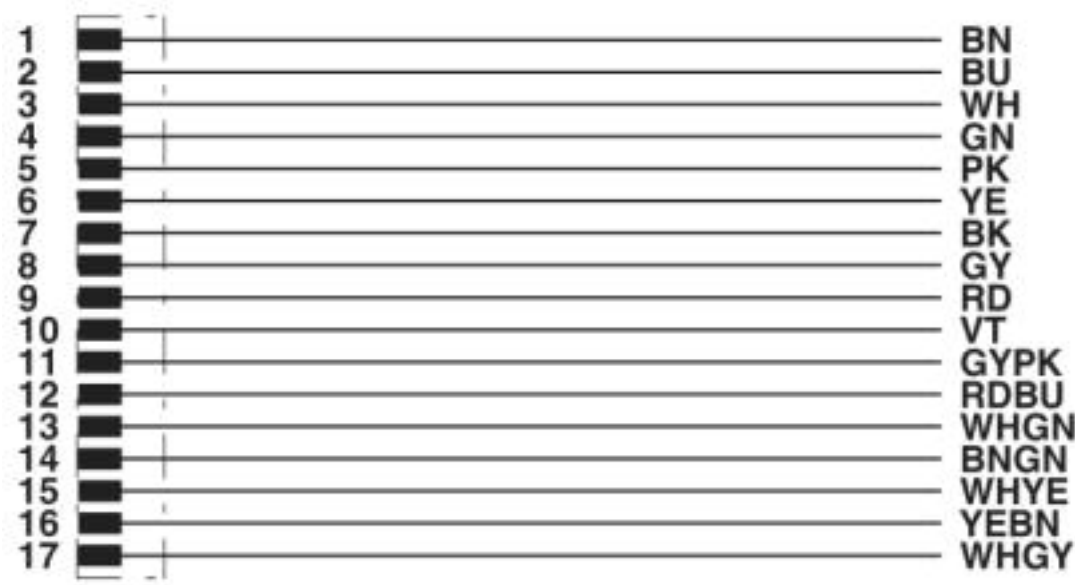
### Dimensioned drawing



M12 flush-type plug

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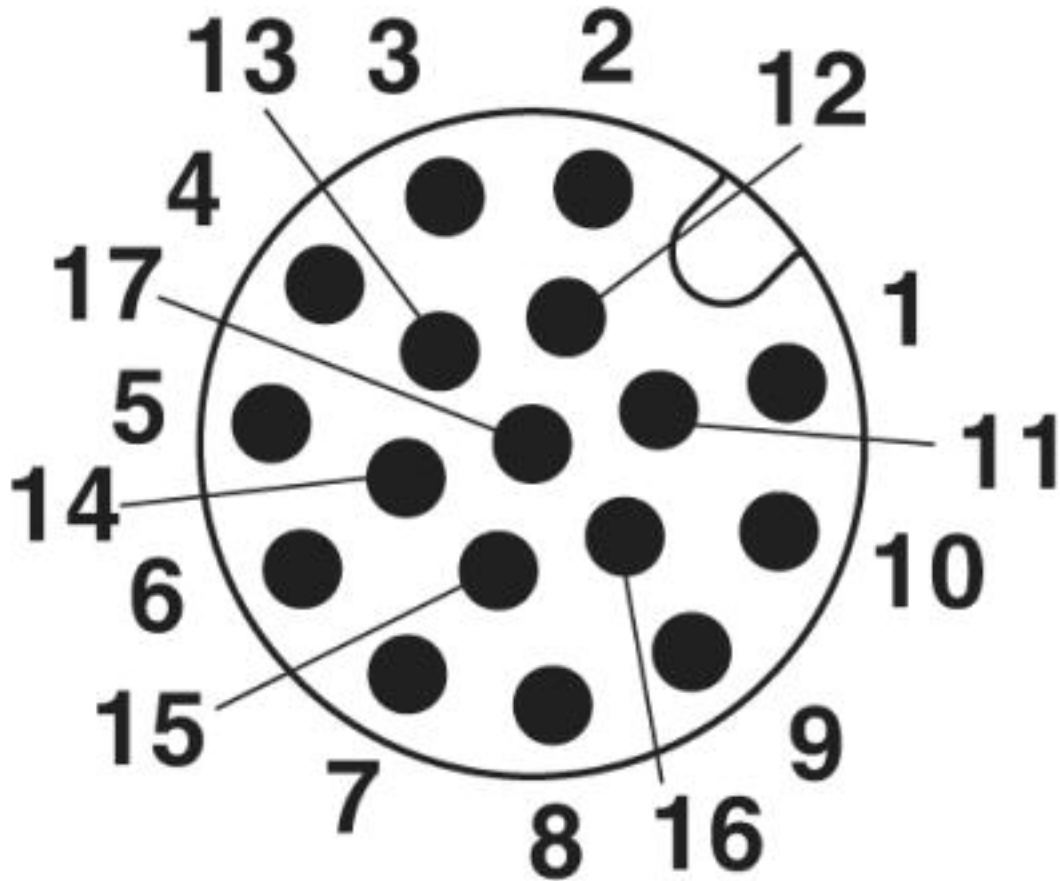
Circuit diagram



Contact assignment of the M12 plug

## Flush-type connector - SACC-SQ-M12MS-17CON-25F/0,5 - 1441600

Schematic diagram



Pin assignment M12 male connector, 17-pos., male side view

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