

## Flush-type connector - SACC-E-MINM-4CON-NPT12-U20/1,0 - 1417770

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Sensor/actuator flush-type plug, 4-pos., 7/8", front mounting with 7/8" fastening thread, with 1.0 m PE litz wire

RoHS

### Key Commercial Data

|                      |          |
|----------------------|----------|
| Packing unit         | 1 STK    |
| Custom tariff number | 85444290 |
| Country of origin    | Mexico   |

### Technical data

#### Dimensions

|                 |     |
|-----------------|-----|
| Length of cable | 1 m |
|-----------------|-----|

#### Ambient conditions

|                                 |                         |
|---------------------------------|-------------------------|
| Ambient temperature (operation) | -20 °C ... 80 °C (Plug) |
| Degree of protection            | IP68                    |

#### General

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Rated current at 40°C | 10 A                                                      |
| Rated voltage         | 600 V AC/DC                                               |
| Number of positions   | 4                                                         |
| Insulation resistance | ≥ 100 MΩ                                                  |
| Standards/regulations | UL 2238                                                   |
| Status display        | No                                                        |
| Connection method     | Individual wires                                          |
| Torque                | 10 lb <sub>F</sub> -in.                                   |
|                       | 1.12 Nm                                                   |
| Mounting type         | Front mounting, with 1/2 inch-14 NPT mounting thread 7/8" |

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## Technical data

### Material

|                                        |                   |
|----------------------------------------|-------------------|
| Flammability rating according to UL 94 | V-0               |
| Contact material                       | Copper alloy      |
| Contact surface material               | Au                |
| Contact carrier material               | PVC               |
| Material, knurls                       | Anodized aluminum |

### Cable

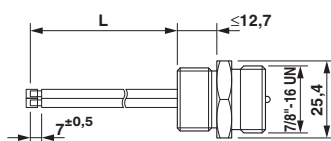
|                                    |                                  |
|------------------------------------|----------------------------------|
| Cable type                         | PVC litz wire                    |
| AWG signal line                    | 16                               |
| Conductor structure signal line    | 26 x AWG 30                      |
| Core diameter including insulation | 2.6 mm                           |
| Thickness, insulation              | Core insulation                  |
| Wire colors                        | Black 1, white 2, red 3, green 4 |
| Material conductor insulation      | PVC                              |
| Standards/specifications           | UL 2238                          |

### Standards and Regulations

|                                        |         |
|----------------------------------------|---------|
| Standards/regulations                  | UL 2238 |
| Flammability rating according to UL 94 | V-0     |

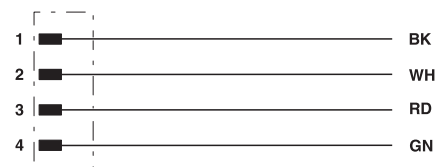
## Drawings

Dimensional drawing



7/8" flush-type plug

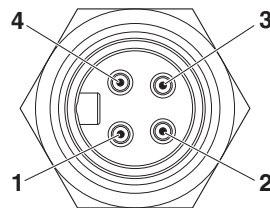
Circuit diagram



Contact assignment of the 7/8" plug

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Schematic diagram



Pin assignment, plug, 7/8"-16UNF, 4-pos., view of male side

### 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 | 27143423 |
| eCl@ss 7.0 | 27449001 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC002061 |
| ETIM 4.0 | EC002062 |
| ETIM 6.0 | EC002061 |

#### UNSPSC

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