

## Flush-type connector - SACC-E-MINF-6CON-NPT12-U20/1,0 - 1420956

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Sensor/actuator flush-type plug, 6-pos., 7/8", front mounting with 7/8" fastening thread, with 1.0 m PE litz wire



### 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 | 8 A   |
| Rated voltage         | 600 V AC/DC   |
| Number of positions   | 6   |
| Insulation resistance | ≥ 100 MΩ  |
| Standards/regulations | UL 2238   |
| Status display        | No  |
| Connection method     | Individual wires  |
| Torque                | 10 lb <sub>F</sub> -in.<br>1.12 Nm                        |
| Mounting type         | Front mounting, with 1/2 inch-14 NPT mounting thread 7/8" |

# Flush-type connector - SACC-E-MINF-6CON-NPT12-U20/1,0 - 1420956

## 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

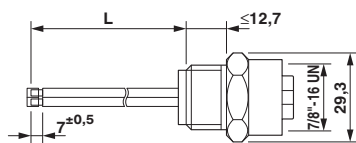
|                                    |  |
|------------------------------------|--|
| Cable type                         | PVC litz wire                                      |
| AWG signal line                    | 16   |
| Conductor structure signal line    | 26 x AWG 30  |
| Core diameter including insulation | 2.6 mm   |
| Thickness, insulation              | Core insulation                                    |
| Wire colors                        | White 1, red 2, green 3, orange 4, black 5, blue 6 |
| 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 socket

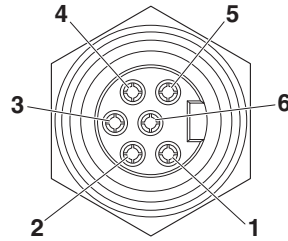
Circuit diagram



Contact assignment of 7/8" socket

## Flush-type connector - SACC-E-MINF-6CON-NPT12-U20/1,0 - 1420956

Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 6-pos., view of female side

---

Phoenix Contact 2017 © - all rights reserved  
<http://www.phoenixcontact.com>