

# Flush-type connector - SACC-E-MINMS-3CON-PG13/0.5 - 1521410

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Sensor/actuator flush-type connector, 3-pos., 7/8", front mounting with Pg13.5 thread, with 0.5 m PVC litz wire, 3 x 0.75 mm<sup>2</sup>



## Key commercial data

|                        |   |
|------------------------|---|
| Packing unit           | 1   |
| Minimum order quantity | 1   |
| Catalog page           | Page 37 (PC-2011)   |
| GTIN                   | <br>4 017918 949631 |
| Custom tariff number   | 85366990  |
| Country of origin      | GERMANY   |

## Technical data

### General data

|                                 |                              |
|---------------------------------|------------------------------|
| Rated current at 40°C           | 12 A                         |
| Rated voltage                   | 250 V                        |
| Number of positions             | 3                            |
| Volume resistance               | ≤ 5 mΩ                       |
| Insulation resistance           | ≥ 100 MΩ                     |
| Length of cable                 | 0.5 m                        |
| Ambient temperature (operation) | -40 °C ... 85 °C (connector) |

### General characteristics

|                          |                              |
|--------------------------|------------------------------|
| Coding                   | A - standard                 |
| Surge voltage category   | II                           |
| Pollution degree         | 3                            |
| Degree of protection     | IP67                         |
| Contact material         | CuZn                         |
| Contact surface material | Au                           |
| Contact carrier material | PUR                          |
| Material, knurls         | Zinc die-cast, nickel-plated |
| Sealing material         | Viton                        |

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## Technical data

### General characteristics

|                   |                       |
|-------------------|-----------------------|
| Mounting type     | Front mounting Pg13.5 |
| Connection method | Individual wires      |
| Status display    | No                    |

### Conductor data

|                                    |                           |
|------------------------------------|---------------------------|
| Cable type                         | PVC litz wire             |
| Conductor cross section            | 0.75 mm <sup>2</sup>      |
| AWG signal line                    | 18                        |
| Conductor structure signal line    | 24x 0.20 mm               |
| Core diameter including insulation | 2.7 mm                    |
| Thickness, insulation              | 0.85 mm (Core insulation) |
| Wire colors                        | green/yellow, brown, blue |
| Material conductor insulation      | PE                        |

## Classifications

### eclass

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

### unspsc

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

## Approvals

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#### Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

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## Approvals

Ex Approvals

Approvals submitted

### Approval details

|                                |       |
|--------------------------------|-------|
| UL Recognized                  |       |
| mm <sup>2</sup> /AWG/kcmil     | 20    |
| Nominal current I <sub>N</sub> | 10 A  |
| Nominal voltage U <sub>N</sub> | 600 V |

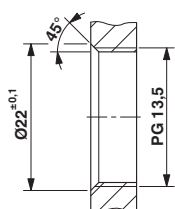
|                                |       |
|--------------------------------|-------|
| cUL Recognized                 |       |
| mm <sup>2</sup> /AWG/kcmil     | 20    |
| Nominal current I <sub>N</sub> | 10 A  |
| Nominal voltage U <sub>N</sub> | 600 V |

|      |  |
|------|--|
| GOST |  |
|------|--|

|                  |  |
|------------------|--|
| cULus Recognized |  |
|------------------|--|

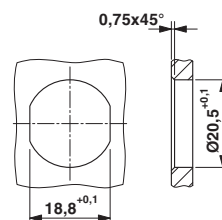
## Drawings

Dimensioned drawing



Mounting panel with thread

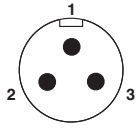
Dimensioned drawing



Mounting panel with feed-through hole

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Schematic diagram



Pin assignment, plug, 7/8"-16UNF, 3-pos., view of male side

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Dimensioned drawing

