

## Flush-type connector - SACC-E-M5MS-4CON-M5/0,5 - 1530595

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Sensor/actuator flush-type plug, 4-pos., M5, prewall/screw mounting, with M5 thread, with 0.5 m TPE litz wire, 4 x 0.14 mm<sup>2</sup>

### Why buy this product

- Pre-assembled with litz wires for immediate use
- Customer-specific assemblies and litz wire lengths available
- Sealed on the litz wire side for optimum leak-tightness



### Key Commercial Data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Packing unit                         | 1 STK                          |
| GTIN                                 |                                |
| GTIN                                 | 4046356024396                  |
| Weight per Piece (excluding packing) | 7.900 g                        |
| Custom tariff number                 | 85444290                       |
| Country of origin                    | Germany                        |
| Note                                 | Made to Order (non-returnable) |

### Technical data

#### Dimensions

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

#### Ambient conditions

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

#### General

|                       |      |
|-----------------------|------|
| Rated current at 40°C | 1 A  |
| Rated voltage         | 60 V |
| Number of positions   | 4    |

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## Technical data

### General

|                       |                              |
|-----------------------|------------------------------|
| Insulation resistance | ≥ 100 MΩ                     |
| Coding                | A - standard                 |
| Standards/regulations | M5 connector IEC 61076-2-105 |
| Status display        | No                           |
| Overvoltage category  | II                           |
| Degree of pollution   | 3                            |
| Test voltage          | 800 V                        |
| Connection method     | Individual wires             |
| Mounting type         | Front mounting M5 x 0.5      |

### Material

|  |                     |
|--|---------------------|
| Flammability rating according to UL 94 | HB                  |
| Contact material                       | CuZn                |
| Contact surface material               | Au                  |
| Contact carrier material               | PA 66               |
| Material, knurls                       | Nickel-plated brass |
| Sealing material                       | Viton               |

### Cable

|                                 |                              |
|---------------------------------|------------------------------|
| Cable type                      | TPE litz wire                |
| Conductor cross section         | 0.14 mm <sup>2</sup>         |
| AWG signal line                 | 26                           |
| Conductor structure signal line | 18x 0.10 mm                  |
| Wire colors                     | brown, white, blue, black    |
| Material conductor insulation   | TPE                          |
| Standards/specifications        | M5 connector IEC 61076-2-105 |
| Ambient temperature (operation) | -25 °C ... 80 °C             |

### Standards and Regulations

|  |                 |
|--|-----------------|
| Standard designation                   | M5 connector    |
| Standards/regulations                  | IEC 61076-2-105 |
| Flammability rating according to UL 94 | HB              |

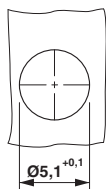
### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

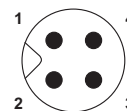
## Drawings

# Flush-type connector - SACC-E-M5MS-4CON-M5/0,5 - 1530595

Dimensional drawing

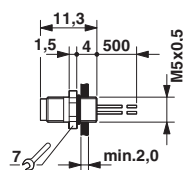


Schematic diagram



Pin assignment M5 plug, 4-pos., view plug side

Dimensional drawing



M5 flush-type plug

## 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 |
| eCl@ss 8.0 | 27440103 |
| eCl@ss 9.0 | 27440102 |

ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001297 |
| ETIM 3.0 | EC002061 |
| ETIM 4.0 | EC002062 |
| ETIM 5.0 | EC002061 |
| ETIM 6.0 | EC002061 |

UNSPSC

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

## Flush-type connector - SACC-E-M5MS-4CON-M5/0,5 - 1530595

### Approvals

Approvals

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Approvals


EAC

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Ex Approvals

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### Approval details

|     |   |         |
|-----|---|---------|
| EAC |  | B.00767 |
|-----|---|---------|

### Accessories

Accessories

Flat nut

Flat nut - SACC-E-MU-M 5 - 1535901



Flat nut with M5 thread

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