

## Flush-type connector - SACC-E-M5FS-4CON-M5/0,5 - 1530618

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Sensor/actuator flush-type socket, 4-pos., M5, prewall/screw mounting, with M5 thread, with 0.5 m TPE litz wire, 4x0.14 mm<sup>2</sup>

### Your advantages

- ✓ 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 pc  |
| GTIN                                 | <br>4 046356 024419 |
| GTIN                                 | 4046356024419   |
| Weight per Piece (excluding packing) | 9.700 g   |
| Custom tariff number                 | 85444290  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

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

#### Ambient conditions

|                                 |                         |
|---------------------------------|-------------------------|
| Ambient temperature (operation) | -25 °C ... 85 °C (Plug) |
|                                 | -25 °C ... 80 °C        |
| Degree of protection            | IP67                    |

#### General

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## Technical data

### General

|                       |                              |
|-----------------------|------------------------------|
| Rated current at 40°C | 1 A                          |
| Rated voltage         | 48 V AC<br>60 V DC           |
| Number of positions   | 4                            |
| 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      |
| Thread type           | M5 x 0.5                     |

### Material

|  |                     |
|--|---------------------|
| Flammability rating according to UL 94 | HB                  |
| Contact material                       | CuSn                |
| Contact surface material               | Au                  |
| Contact carrier material               | PA 6.6              |
| 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

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

### Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

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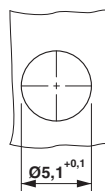
## Technical data

### Environmental Product Compliance

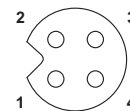
|            |   |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 25;   |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

Dimensional drawing

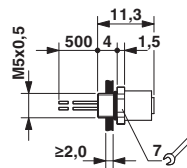


Schematic diagram



Pin assignment M5 socket, 4-pos., D-coded, view female side

Dimensional drawing



M5 flush-type socket

## Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440102 |
| eCl@ss 11.0   | 27440102 |
| eCl@ss 4.0    | 27140800 |
| eCl@ss 4.1    | 27140800 |
| eCl@ss 5.0    | 27143400 |
| eCl@ss 5.1    | 27143400 |
| eCl@ss 6.0    | 27279200 |
| eCl@ss 7.0    | 27440103 |
| eCl@ss 9.0    | 27440102 |

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## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001297 |
| 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 |
| UNSPSC 18.0   | 39121413 |
| UNSPSC 19.0   | 39121413 |
| UNSPSC 20.0   | 39121413 |
| UNSPSC 21.0   | 39121413 |

## Approvals

### Approvals

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Approvals


EAC

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Ex Approvals

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### Approval details

|     |   |         |
|-----|---|---------|
| EAC |  | B.01687 |
|-----|---|---------|

## Accessories

Accessories

Flat nut

## Flush-type connector - SACC-E-M5FS-4CON-M5/0,5 - 1530618

### Accessories

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



Flat nut with M5 thread

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