

## Flush-type connector - SACC-E-M 8MS-6CON-M 8/0,5 - 1542664

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Sensor/actuator flush-type plug, 6-pos., M8, front/screw mounting with M8 fastening thread, with 0.5 m TPE litz wire, 6 x 0.14 mm<sup>2</sup>



### Key commercial data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| GTIN                                 |          |
| Weight per Piece (excluding packing) | 11.9 g   |
| Custom tariff number                 | 85444290 |
| Country of origin                    | Germany  |
| Product key                          | ABQBBA   |

### Technical data

#### Dimensions

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

#### Ambient conditions

|                                 |   |
|---------------------------------|---|
| Ambient temperature (operation) | -25 °C ... 85 °C                                |
|                                 | -40 °C ... 85 °C (without mechanical actuation) |
| Degree of protection            | IP67  |

#### General

|                        |                              |
|------------------------|------------------------------|
| Rated current at 40°C  | 2 A                          |
| Rated voltage          | 30 V                         |
| Number of positions    | 6                            |
| Contact resistance     | ≤ 3 mΩ                       |
| Insulation resistance  | ≥ 100 MΩ                     |
| Coding                 | A - standard                 |
| Standards/regulations  | M8 connector IEC 61076-2-104 |
| Status display         | No                           |
| Surge voltage category | II                           |

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## Technical data

### General

|                   |                         |
|-------------------|-------------------------|
| Pollution degree  | 3                       |
| Connection method | Individual wires        |
| Mounting type     | Front mounting M8 x 0.5 |

### Material

|   |                     |
|---|---------------------|
| Inflammability class according to UL 94 | HB                  |
| Contact material                        | Cu alloy            |
| 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                           |
| Core diameter including insulation | 1.15 mm ±0.07 mm                      |
| Thickness, insulation              | 0.21 mm                               |
| Wire colors                        | Black, brown, blue, white, gray, pink |
| Material conductor insulation      | TPE                                   |
| Conductor material                 | Tin-plated Cu litz wires              |
| Insulation resistance              | ≥ 20 MΩ*km                            |
| Conductor resistance               | ≥ 80 Ω/km                             |
| Nominal voltage, cable             | 300 V                                 |
| Test voltage, cable                | 2000 V AC                             |
| Ambient temperature (operation)    | -25 °C ... 85 °C                      |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27250313 |
| eCl@ss 4.1 | 27250313 |
| 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 |

### ETIM

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

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## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC002061 |
|----------|----------|

### UNSPSC

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

## Approvals

### Approvals

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### Approvals

EAC

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### Ex Approvals

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### Approvals submitted

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### Approval details

|     |
|-----|
| EAC |
|-----|

## Accessories

### Accessories

#### Flat nut

Flat nut - SACC-E-MU-M 8 - 1504071

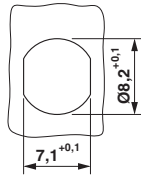


Flat nut with M8 thread

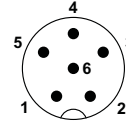
## Drawings

# Flush-type connector - SACC-E-M 8MS-6CON-M 8/0,5 - 1542664

Dimensioned drawing

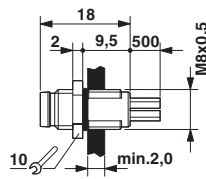


Schematic diagram



Pin assignment M8 plug, 6-pos., view male side

Dimensioned drawing



M8 flush-type plug

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