

## Flush-type connector - SACC-DSI-M 8MS-6CON-M 8/0,5 - 1453494

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

### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 1             |
| GTIN             | 4046356554428 |

### 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  | 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                           |
| Pollution degree       | 3                            |
| Connection method      | Individual wires             |
| Mounting type          | Rear mounting M8 x 1         |

#### Material

|                                         |                     |
|-----------------------------------------|---------------------|
| Inflammability class according to UL 94 | HB                  |
| Contact material                        | Cu alloy            |
| Contact surface material                | Au                  |
| Contact carrier material                | PUR / PA66          |
| Material, knurls                        | Nickel-plated brass |

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## Technical data

### Material

|                  |       |
|------------------|-------|
| Sealing material | Viton |
|------------------|-------|

### Cable

|                                    |                                              |
|------------------------------------|----------------------------------------------|
| Cable type                         | TPE litz wire                                |
| Conductor cross section            | 0.25 mm <sup>2</sup>                         |
| AWG signal line                    | 24                                           |
| Conductor structure signal line    | 14x 0.15 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 ... 90 °C (cable, fixed installation) |

## classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27250313 |
| eCl@ss 4.1 | 27250313 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27279220 |
| eCl@ss 7.0 | 27440103 |
| eCl@ss 8.0 | 27440103 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC002061 |
| ETIM 4.0 | EC002061 |
| ETIM 5.0 | EC002061 |

### UNSPSC

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

# Flush-type connector - SACC-DSI-M 8MS-6CON-M 8/0,5 - 1453494 approvals

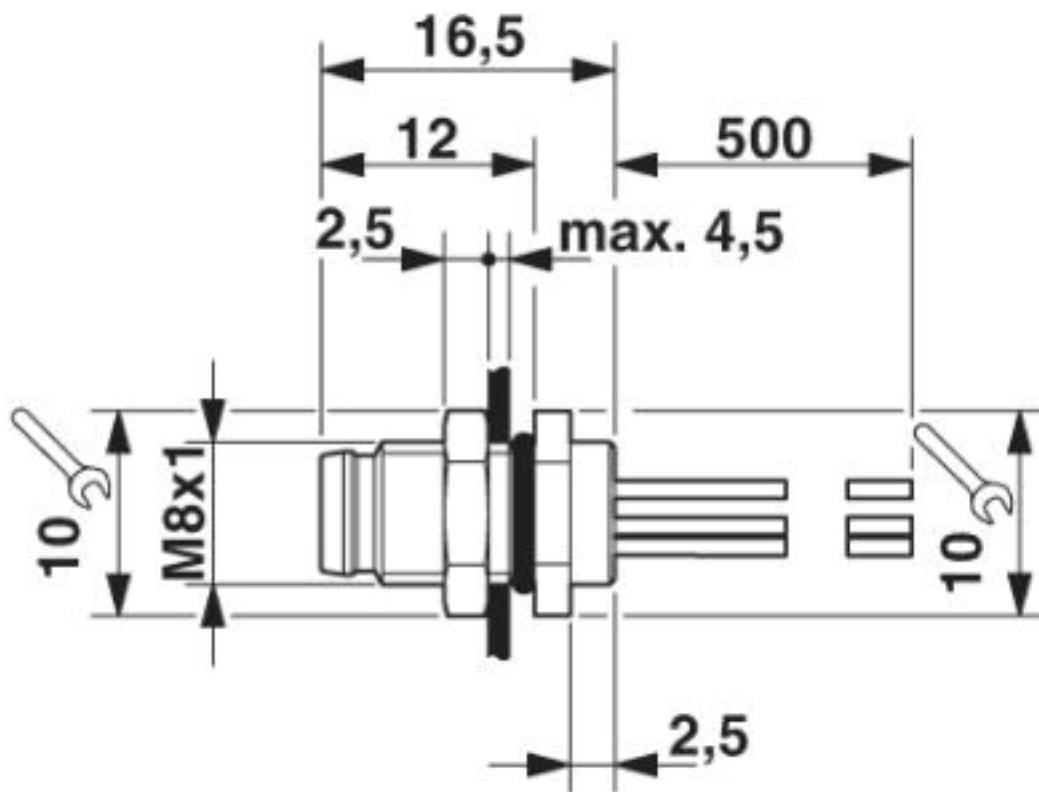
GOST /

Approval details

GOST 

## Drawings

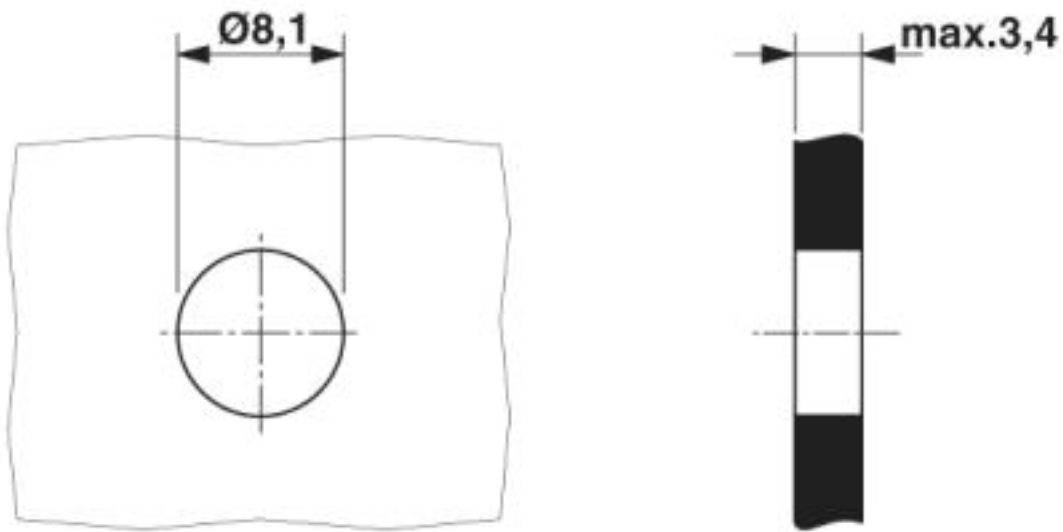
Dimensioned drawing



M8 flush-type plug

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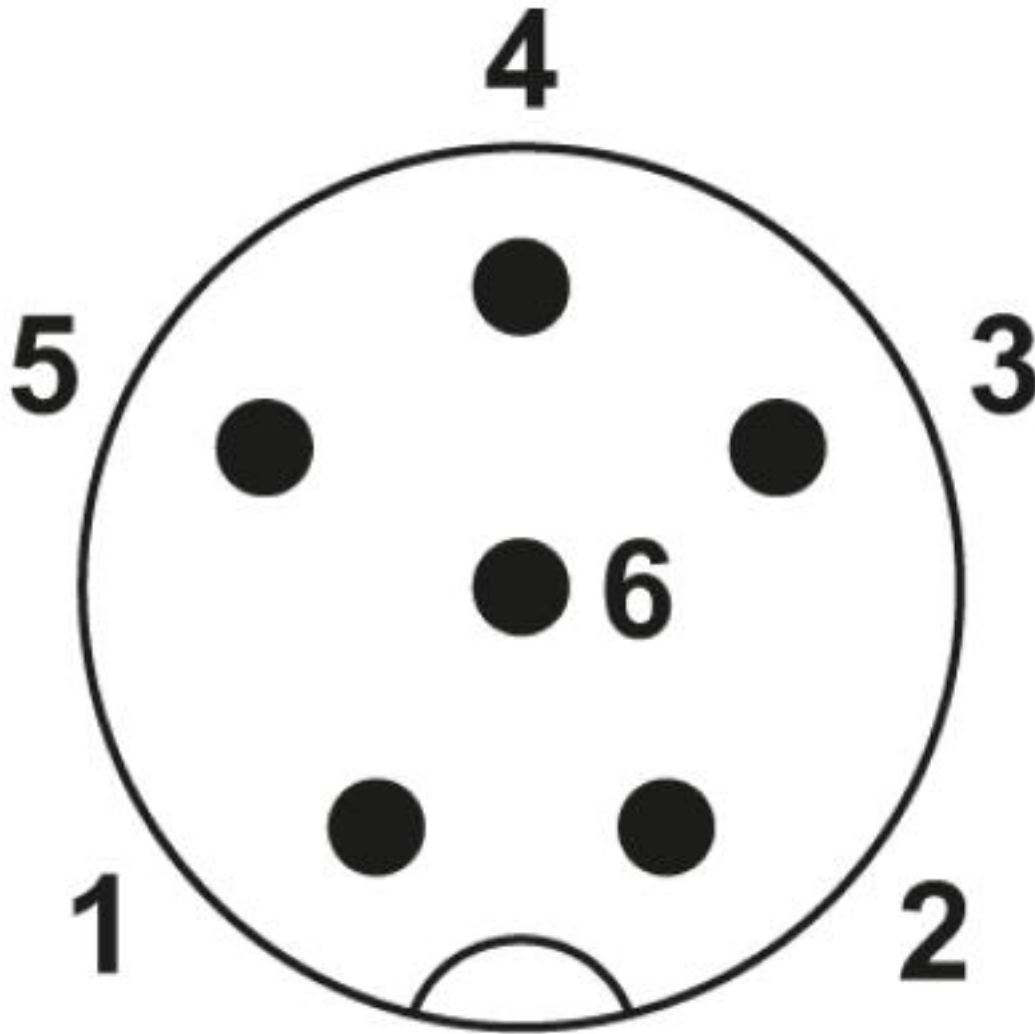
Dimensioned drawing



Housing cutout for M8 flush-type connector, connector, one-section

## Flush-type connector - SACC-DSI-M 8MS-6CON-M 8/0,5 - 1453494

Schematic diagram



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

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