

Flush-type connector - SACC-DSI-M 8MS-3CON-M 8/0,5 - 1453478

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Sensor/actuator flush-type plug, 3-pos., M8, rear/screw mounting, with M8 thread, with 0.5 m TPE litz wire, 4 x 0.25 mm²



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 20.0 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 / socket) |
| Degree of protection | IP67 |

General

| | |
|-----------------------|------------------------------|
| Rated current at 40°C | 4 A |
| Rated voltage | 50 V AC 60 V DC |
| Rated surge voltage | 1.5 kV |
| Number of positions | 3 |
| Insulation resistance | ≥ 100 MΩ |
| Coding | A - standard |
| Standards/regulations | M8 connector IEC 61076-2-104 |
| Status display | No |
| Overvoltage category | II |

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Technical data

General

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

Material

| | |
|--|---------------------|
| Flammability rating according to UL 94 | HB |
| Contact material | Cu alloy |
| Contact surface material | Au |
| Contact carrier material | PUR / PA66 |
| Material, knurls | Nickel-plated brass |
| Sealing material | Viton |

Cable

| | |
|------------------------------------|--|
| Cable type | TPE litz wire |
| Conductor cross section | 0.25 mm ² |
| 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 | brown, blue, black |
| 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) |

Standards and Regulations

| | |
|--|-----------------|
| Standard designation | M8 connector |
| Standards/regulations | IEC 61076-2-104 |
| Connection in acc. with standard | CUL |
| Flammability rating according to UL 94 | HB |

Classifications

eCl@ss

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

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Classifications

eCl@ss

| | |
|------------|----------|
| 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 |

Approvals

Approvals


Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | |
|---|-----|
| UL Recognized  | |
| Nominal current IN | 4 A |

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Approvals

| | |
|--------------------|-------|
| Nominal voltage UN | 125 V |
|--------------------|-------|

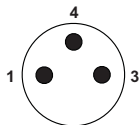
| | |
|--------------------|-------|
| cUL Recognized | |
| Nominal current IN | 4 A |
| Nominal voltage UN | 125 V |

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

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

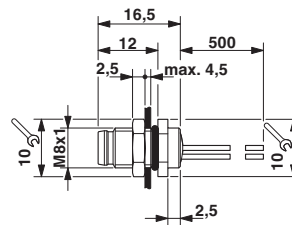
Drawings

Schematic diagram



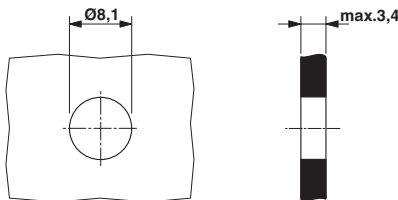
Pin assignment M8 plug, 3-pos., view male side

Dimensional drawing



M8 flush-type plug

Dimensional drawing



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

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