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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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

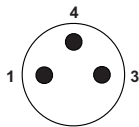
| | |
|--------------------|-------|
| cUL Recognized | |
| Nominal current IN | 4 A |
| Nominal voltage UN | 125 V |

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

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

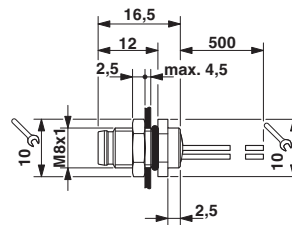
Drawings

Schematic diagram



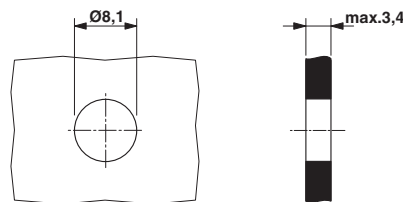
Pin assignment M8 plug, 3-pos., view male side

Dimensional drawing



M8 flush-type plug

Dimensional drawing



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

