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Flush-type connector - SACC-DSI-M8FS-3CON-M10/0,5 - 1456080

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Sensor/actuator flush-type socket, 3-pos., M8, rear/screw mounting with M10 thread, with 0.5 m TPE litz wire, 3 x 0.25 mm²

Key Commercial Data

| | |
|--------------|---------------------|
| Packing unit | 1 STK |
| GTIN | 4 046356 605908 |

Technical data

Dimensions

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

Ambient conditions

| | |
|---------------------------------|---------------------------|
| Ambient temperature (operation) | -25 °C ... 85 °C (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 |
| Degree of pollution | 3 |
| Connection method | Individual wires |
| Mounting type | Rear mounting M10 |

Material

| | |
|--|----------|
| Flammability rating according to UL 94 | HB |
| Contact material | Cu alloy |

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Technical data

Material

| | |
|--------------------------|------------------------------|
| Contact surface material | Au |
| Contact carrier material | PUR / PA66 |
| Material, knurls | Zinc die-cast, nickel-plated |
| Sealing material | Viton |

Cable

| | |
|---------------------------------|--|
| Cable type | TPE litz wire |
| AWG signal line | 24 |
| Wire colors | brown, blue, black |
| Conductor material | Tin-plated Cu litz wires |
| Nominal voltage, cable | 450 V |
| Test voltage, cable | 2500 V (Test duration: 1 minute) |
| Ambient temperature (operation) | -25 °C ... 90 °C (cable, fixed installation) |

Standards and Regulations

| | |
|--|-----------------|
| Standard designation | M8 connector |
| Standards/regulations | IEC 61076-2-104 |
| Flammability rating according to UL 94 | HB |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27140815 |
| eCl@ss 4.1 | 27140815 |
| 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 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 |

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Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approvals submitted

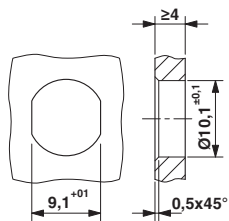
Approval details

EAC

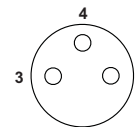
EAC

Drawings

Dimensional drawing



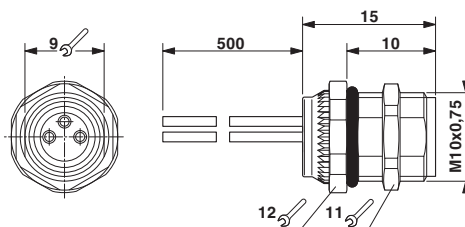
Schematic diagram



Pin assignment M8 socket, 3-pos., view female side

Mounting panel with feed-through hole

Dimensional drawing



M8 flush-type socket

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PHOENIX CONTACT GmbH & Co. KG
Flachmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

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