

Flush-type connector - SACC-DSI-M8FS-4CON-M10-L180 SH - 1456129

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Sensor/actuator flush-type connector, socket, 4-pos. M8, rear/screw mounting with M10 fastening thread, with straight solder connection

Why buy this product

- ✓ Easy PCB assembly: one-piece connectors for wave soldering
- ✓ Standard pin assignments and codings for signal transmission with a uniform design-in design
- ✓ For high transmission reliability: optional shield connection to the housing and latching on the PCB



Key Commercial Data

| | |
|--------------|--------------------------------------------------------------------------------------|
| Packing unit | 20 STK |
| GTIN |  |
| GTIN | 4046356605762 |

Technical data

Ambient conditions

| | |
|---------------------------------|------------------|
| Ambient temperature (operation) | -25 °C ... 85 °C |
| Degree of protection | IP67 |

General

| | |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note | The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration. |
| Rated current at 40°C | 4 A |
| Rated voltage | 50 V AC |
| | 60 V DC |
| Rated surge voltage | 0.8 kV |
| Number of positions | 4 |
| Insulation resistance | ≥ 100 MΩ |

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Technical data

General

| | |
|-----------------------------|---------------------------------|
| Coding | A - standard |
| Standards/regulations | M8 connector IEC 61076-2-104 |
| Status display | No |
| Overvoltage category | II |
| Degree of pollution | 3 |
| Connection method | Solder pins |
| Insertion/withdrawal cycles | > 100 |
| Torque | 1 Nm (Installation-side) |
| Mounting type | Rear mounting M10 With flat nut |

Material

| | |
|----------------------------------------|------------------------------|
| Flammability rating according to UL 94 | HB |
| Contact material | Cu alloy |
| Contact surface material | Au |
| Contact carrier material | PA 6.6 |
| Material, knurls | Zinc die-cast, nickel-plated |
| Sealing material | NBR |

Cable

| | |
|--------------------------|------------------------------|
| Standards/specifications | M8 connector IEC 61076-2-104 |
|--------------------------|------------------------------|

Standards and Regulations

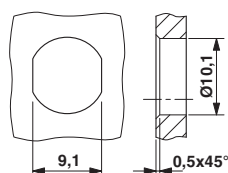
| | |
|----------------------------------------|-----------------|
| Standard designation | M8 connector |
| Standards/regulations | IEC 61076-2-104 |
| Flammability rating according to UL 94 | HB |

Environmental Product Compliance

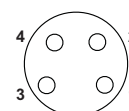
| | |
|------------|-----------------------------------------------------------------------------------------------------|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

Dimensional drawing



Schematic diagram

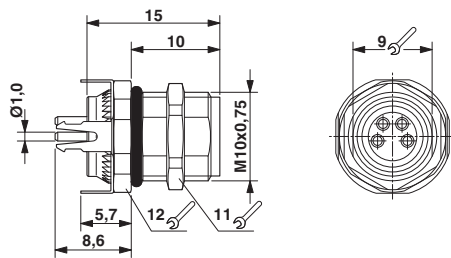


Pin assignment M8 socket, 4-pos., view female side

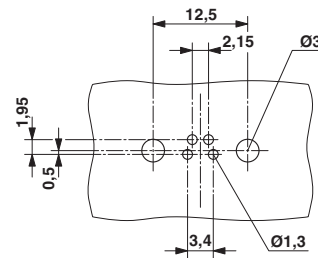
Mounting panel with feed-through hole

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Dimensional drawing



Drilling diagram



M8 flush-type socket

Drilling diagram

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC

EAC

B.01742

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