**PHŒNIX CONTACT**

# Bus system flat-type plug - SACC-DSIV-M12FSD-4CON-L180 - 1534627

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Bus system flush-type socket, Ethernet, 4-pos., M12, shielded, D-coded, rear/screw mounting, with straight solder connection

## Why buy this product

■ Standard pin assignments and codings for signal transmission with a uniform design-in design

**Ethernet** **PROFINET®**

## Key Commercial Data

| Packing unit | 10 STK |
|---|---|
| Minimum order quantity | 10 STK |
| GTIN | 4 046356 026796 |
| Weight per Piece (excluding packing) | 14.51 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

## Technical data

### Ambient conditions

| Ambient temperature (operation) | -25 °C ... 85 °C (Plug / socket) |
|---|---|
|  | -40 °C ... 85 °C (without mechanical actuation) |
| 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 | 250 V |
| Rated surge voltage | 1.5 kV |

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## Technical data

### General

| Number of positions | 4 |
|---|---|
| Insulation resistance | ≥ 100 MΩ |
| Coding | D - data |
| Standards/regulations | M12 connector IEC 61076-2-101 |
| Status display | No |
| Overvoltage category | II |
| Degree of pollution | 3 |
| Connection method | Solder pins |
| Insertion/withdrawal cycles | > 100 |
| Torque | 3 Nm ... 4 Nm (Installation-side) |
| Mounting type | Rear mounting M12 x 1 With locking nut |

### Material

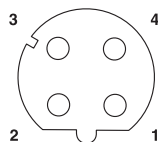| Flammability rating according to UL 94 | HB |
|---|---|
| Contact material | CuZn |
| Contact surface material | Au |
| Contact carrier material | PA 66 |
| Material, knurls | Nickel-plated brass |
| Sealing material | NBR |

### Cable

| Standards/specifications | M12 connector IEC 61076-2-101 |
|---|---|
| Ambient temperature (operation) | -40 °C ... 85 °C (cable, fixed installation) |
| | -25 °C ... 85 °C (cable, flexible installation) |

### Standards and Regulations

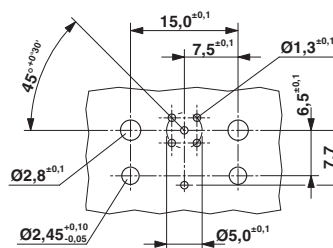| Standard designation | M12 connector |
|---|---|
| Standards/regulations | IEC 61076-2-101 |
| Flammability rating according to UL 94 | HB |

## Drawings

Schematic diagram

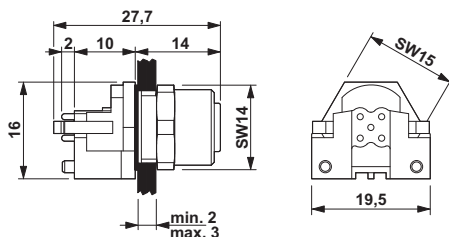Pin assignment M12 socket, 4-pos., D-coded, female side

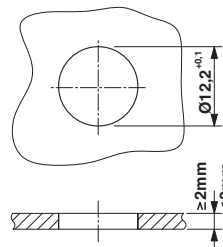Drilling diagram

M12 flush-type connector

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Dimensional drawing

Dimensional drawing

M12 flush-type connector

Panel cutout

## 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 |
| eCl@ss 9.0 | 27440102 |

### ETIM

| ETIM 2.0 | EC001297 |
|----------|----------|
| ETIM 3.0 | EC002061 |
| ETIM 4.0 | EC000830 |
| 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

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Approvals

EAC / EAC / UL Recognized / cUL Recognized / EAC / cULus Recognized

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Ex Approvals

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## Approvals

Approvals submitted

## Approval details

| EAC |
| --- |

| EAC |
| --- |

| UL Recognized | |
| --- | --- |
| | |
| Nominal current IN | 4 A |
| Nominal voltage UN | 250 V |

| cUL Recognized | |
| --- | --- |
| | |
| Nominal current IN | 4 A |
| Nominal voltage UN | 250 V |

| EAC |
| --- |

| |
| --- |
| cULus Recognized c**ᴿᵁ**us |

## Accessories

Accessories

Protective cap

Screw plug - PROT-M12 - 1680539

An M12 screw plug for the unoccupied M12 sockets of the sensor/actuator cable, boxes and flush-type connectors

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## Accessories

Screw plug - PROT-M12 SH - 1503302

An M12 screw plug for the unoccupied M12 sockets of the shielded sensor/actuator cable, boxes and flush-type connectors

Screw plug - PROT-M12 FB - 1555538

M12 high-grade steel screw plug, for unoccupied M12 sockets of the sensor/actuator cables, boxes and flush-type connectors for the food industry