

**INDUSTRIAL COMPONENT DATA**

# SACC-CI-M12FSD-4CON-L180 1551480 PHOENIX CONTACT

## Bus system flat-type plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-CI-M12FSD-4CON-L180



|                 |                                        |
|-----------------|----------------------------------------|
| Manufacturer    | PHOENIX CONTACT                        |
| MPN / Reference | SACC-CI-M12FSD-4CON-L180               |
| Catalog number  | 1551480                                |
| Category        | Contact insert for circular connectors |
| Minimum order   | 20 Pcs                                 |
| Document ID     | EO-645C7225DF                          |
| Generated       | 2026-08-02                             |

### Product Overview

Bus system flat-type plug

Plug-in mounting connector, Ethernet / PROFINET CAT5 (100 MBit/s), 4-pole, Female connection, straight, M12, coding: D , Mounting on printed circuit boards, Soldering pins, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1239985

**STRUCTURED PRODUCT DATA**

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

Catalog path      PHOENIX CONTACT &gt; Field Device Connectors (FDC)

### Additional Product Information

Key Commercial Data

Orderkey 1551480

Packing unit 20 pc

Minimum order quantity 20 pc

Note Made to Order (non-returnable)

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GTIN 4046356157285

Weight per Piece (excluding packing) 4.380 g

Custom tariff number 85366990

Country of origin DE (Germany)

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 2.5 kV

Number of positions 4

Insulation resistance  $\geq 100 \text{ M}\Omega$

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 PCB mounting

Material

Flammability rating according to UL 94 V0

Contact material CuZn

Contact surface material Au

Contact carrier material PA 6.6

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)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-CI-M12FSD-4CON-L180 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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