INDUSTRIAL COMPONENT DATA

# SACC-DSI-M12MSL4FEM16XL-L180GR 1425590 PHOENIX CONTACT Flush-type connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-DSI-M12MSL4FEM16XL-L180GR**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SACC-DSI-M12MSL4FEM16XL-L180GR |
| Catalog number | 1425590 |
| Category | Circular connector, mounting (PCB) |
| Minimum order | 20 Pcs |
| Document ID | EO-2B425151E2 |
| Generated | 2026-11-19 |

## Product Overview

Flush-type connector
Conect. plug. to be apar. wall poster., Power, 5-pole, Male, straight, M12, coding: L, Rear mounting, M16 x 1.5, Soldering pins, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1239521

STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Field Device Connectors (FDC) |

## Additional Product Information

Key Commercial Data
Orderkey 1425590
Packing unit 20 pc
Minimum order quantity 20 pc
Note Made to Order (non-returnable)
GTIN 4055626428437
Weight per Piece (excluding packing) 18.590 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.
FE not connected to metal parts that can be touched, no protective function
Rated current at 40°C 16 A
Rated voltage 63 V
Rated surge voltage 1.5 kV
Number of positions 5
Coding L - Power
Standards/regulations M12 connector IEC 61076-2-111 In line with
Signal type/category Power
Overvoltage category III
Degree of pollution 3
Connection method Solder pins
Material
Flammability rating according to UL 94 V0
Contact material CuZn
Contact surface material Au
Contact carrier material PA
Material, knurls Zinc die-cast, nickel-plated
Cable
Standards/specifications M12 connector IEC 61076-2-111 In line with
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-111
Flammability rating according to UL 9...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-DSI-M12MSL4FEM16XL-L180GR with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

**GLOBAL OFFICES**

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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