INDUSTRIAL COMPONENT DATA

# SACC-DSI-M12FS-12P-M16XL/0,5 1411589 PHOENIX CONTACT Flush-type connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-DSI-M12FS-12P-M16XL/0,5**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SACC-DSI-M12FS-12P-M16XL/0,5 |
| Catalog number | 1411589 |
| Category | Circular connector, mounting (with cable) |
| Minimum order | 1 Pcs |
| Document ID | EO-42D8DD48F6 |
| Generated | 2026-11-19 |

## Product Overview

Flush-type connector
Conect. plug. to be apar. wall poster., Universal, 12-pole, Built-in mounting female, straight, M12-Standard, A, to free cable end, Rear mounting, M16 x 1.5, Single stranded wires, cable length: 0.5 m, 0.14 mm², TPE braided wire, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) 1238888

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 1411589
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 45 (C-2-2017)
GTIN 4046356935821
Weight per Piece (excluding packing) 32.900 g
Custom tariff number 85366990
Country of origin DE (Germany)
Dimensions
Length of cable 0.5 m
Ambient conditions

Ambient temperature (operation) -25 °C ... 85 °C (Plug / socket)
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 1.5 A
Rated voltage 30 V
Rated surge voltage 0.8 kV
Number of positions 12
Insulation resistance >= 100 M?
Coding A - standard
Standards/regulations M12 connector IEC 61076-2-101
Signal type/category Universal
Status display No
Overvoltage category II
Degree of pollution 3
Connection method Individual wires
Insertion/withdrawal cycles > 100
Torque 0.8 Nm ... 1.3 Nm (Installation-side)
Mounting type Rear mounting M16 x 1.5 With flat nut
Assembly instructions Tightening limitation
Material
Flammability rating according to UL 94 V0
Contact material CuZn
Contact surface material Au
Contact carrier material PA 6.6
Material, knurls Zinc die-cast, nickel-plated
Sealing material FKM
Cable
Cable type TPE litz wire
Conductor cross sec...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-DSI-M12FS-12P-M16XL/0,5 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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