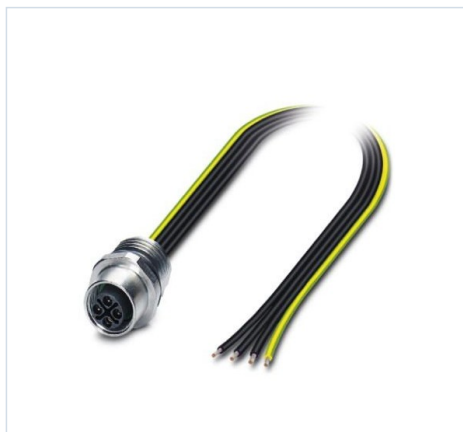


INDUSTRIAL COMPONENT DATA

SACC-E-M12FSS-4CON-M16/0,5 PE 1424137 PHOENIX CONTACT Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-E-M12FSS-4CON-M16/0,5 PE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-E-M12FSS-4CON-M16/0,5 PE
Catalog number	1424137
Category	Circular connector, mounting (with cable)
Minimum order	1 Pcs
Document ID	EO-8EC9BD0E9F
Generated	2026-08-02

Product Overview

Flush-type connector

Conect. plug. to be apar. front wall, Power, 4-pole, Built-in mounting female, straight, M12-Standard, S, to free cable end, Front wall mounting, M16 x 1.5, Single stranded wires, cable length: 0.5 m, 1.31 mm², UL/cUL switching twisted wire, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) 1239443

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 > Field Device Connectors (FDC)
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Additional Product Information

Key Commercial Data

Orderkey 1424137

Packing unit 1 pc

Catalog page Page 289 (C-2-2017)

GTIN 4046356693394

Weight per Piece (excluding packing) 47.000 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 12 A

Rated voltage 630 V

Rated surge voltage 6 kV

Number of positions 4

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

Coding S power

Standards/regulations M12 connector IEC 61076-2-111 In line with

Signal type/category Power

Status display No

Overvoltage category III

Degree of pollution 3

Test voltage 6 kV

Connection method Individual wires

Insertion/withdrawal cycles > 100

Torque 3 Nm ... 4 Nm (Installation-side)

Mounting type Front mounting M16 x 1.5

Material

Flammability rating according to UL 94 V0

Contact material CuZn

Contact surface material Au

Contact carrier material PA

Material, knurls CuZn alloy, nickel-plated

Sealing material FKM

Cable

Cable type UL/cUL stranded hook-up wire

Conductor cross section 1.31 mm²

AWG signal line 16

Core diameter including insulation....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-E-M12FSS-4CON-M16/0,5 PE 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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