

INDUSTRIAL COMPONENT DATA

SACC-E-M12FSS-4CON-M16/2,5 PE 1426272 PHOENIX CONTACT Flush-type connector, Power, 4-position, Socket, M12, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-E-M12FSS-4CON-M16/2,5 PE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-E-M12FSS-4CON-M16/2,5 PE
Catalog number	1426272
Category	Circular connector, mounting (with cable)
Minimum order	50 Pcs
Document ID	EO-12AD5E6A4A
Generated	2026-08-04

Product Overview

Flush-type connector, Power, 4-position, Socket, M12, S power, Front mounting, M16 x 1.5, Individual wires, UL/cUL stranded hook-up wire

Conect. plug. to be apar. front wall, Power, 4-pole, Connecting female, straight, M12-Standard, encoding: S, free cable end, Front mounting, M16 x 1.5, Single stranded wires, cable length: 2.5 m, 1.31 mm², UL/cUL switching twisted wire, Alternative product according to RoHS II without exception 6c (Pb <. 0.1%) Item code: 1239577

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)
--------------	---

Additional Product Information

Key Commercial Data

Orderkey 1426272

Packing unit 1

GTIN 4055626457321

Custom tariff number 85366990

Drawings

Ambient conditions

Material

Standards and Regulations

Classifications

Dimensions

General

Connection data

Environmental Product Compliance

Drawings

Dimensional drawing

M12 flush-type socket

Circuit diagram

Contact assignment of the M12 socket

Schematic diagram

Pin assignment of M12 socket, 4-pos., S-coded, socket side view

[Back to top](#)Dimensions

Fixed cable length 2.5

[Back to top](#)Ambient conditions

Ambient temperature (operation) -25 ... -85 (Plug / socket)

[Back to top](#)General

Standards/regulations M12 connector In line with

Tightening torque nut 3 Nm ... 4 Nm (Installation-side)

Insertion/withdrawal cycles > 100

Overvoltage category III

Mounting type Front mounting

Coding S power

Thread type M16 x 1.5

Cable cross section 1.31

AWG signal line 16

Rated surge voltage 6 kV AC

Degree of pollution 3

Degree of protection IP67

Number of positions 4

Current 12 A

Voltage 630 V

[Back to top](#)Material

Contact material CuZn

Contact surface material Au

Flammability rating according to UL 94 V0

[Back to top](#)Connection data

Connection method Individual wires

Contact resistance with connected conductor ≤ 3 mΩ

Cable type UL/cUL stranded hook-up wire

[Back to top](#)Standards and Regulations

Standards/specifications M12 connector In line with

Flame resistance in acc. to UL 1581 VW1

Halogen-free yes

Flammability rating according to UL 94 V0

Safety note WARNING: The connectors may not be plugged in o...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-E-M12FSS-4CON-M16/2,5 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.