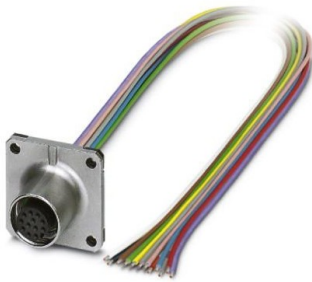


INDUSTRIAL COMPONENT DATA

SACC-SQ-M12FS-12CON-25F/0,5 1441590 PHOENIX CONTACT

Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-SQ-M12FS-12CON-25F/0,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-SQ-M12FS-12CON-25F/0,5
Catalog number	1441590
Category	Circular connector, mounting (with cable)
Minimum order	1 Pcs
Document ID	EO-B017BF7A54
Generated	2026-08-03

Product Overview

Flush-type connector

Conect. plug. to be apar. front wall, Universal, 12-pole, M12, Front wall mounting, Square flange, Single braided wires, cable length: 0.5 m, 0.34 mm², TPE braided wire, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) 1239724

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 1441590

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 39 (C-2-2017)

GTIN 4046356533904

Weight per Piece (excluding packing) 31.600 g

Custom tariff number 85444290

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

Coding A - standard

Standards/regulations M12 connector IEC 61076-2-101

Status display No

Overvoltage category II

Degree of pollution 3

Connection method Individual wires

Insertion/withdrawal cycles > 100

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

Mounting type Front mounting Square flange

Material

Flammability rating according to UL 94 V0

Contact material CuZn

Contact surface material Ni/Au

Contact carrier material PA 6.6

Material of grip body Zinc die-cast, nickel-plated

Material, knurls Zinc die-cast, nickel-plated

Sealing material FKM

Cable

Cable type TPE litz wire

Conductor cross section 0.14 mm²

AWG signal line 26

C...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-SQ-M12FS-12CON-25F/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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