

INDUSTRIAL COMPONENT DATA

SACC-CI-M12FSX-8CON-L90 1424180 PHOENIX CONTACT

Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-CI-M12FSX-8CON-L90



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-CI-M12FSX-8CON-L90
Catalog number	1424180
Category	Contact insert for circular connectors
Minimum order	20 Pcs
Document ID	EO-5BE8580C08
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Product Overview

Flush-type connector

Plug-in Mounting Connector, CAT6A Ethernet (10 GBit/s), 8-Pole, Female Connection, Straight, M12, Encoding: X , Rear Mounting, Wave Soldering Contacts, RoHS II Alternative Product Without Exception 6c (Pb< 0.1%) Item Code: 1237389

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 1424180

Packing unit 20 pc

Minimum order quantity 20 pc

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GTIN 4046356692663

Weight per Piece (excluding packing) 6.160 g

Custom tariff number 85366990

Country of origin DE (Germany)

Ambient conditions

Ambient temperature (operation) -40 °C ... 105 °C (Plug / socket)

Degree of protection IP67 (When plugged in)

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 0.5 A (Data)

Rated voltage 50 V AC (Data)

60 V DC

Rated surge voltage 0.8 kV

Number of positions 8

Insulation resistance > 100 MΩ

Coding X - data

Standards/regulations M12 connector IEC 61076-2-109

Signal type/category Ethernet CAT6A, 10 Gbps

Overvoltage category III

Degree of pollution 3

Connection method Wave soldering contacts

Insertion/withdrawal cycles ≥ 100

Mounting type Rear mounting

Type of packaging Tray

Material

Flammability rating according to UL 94 V0

Contact material CuZn

Contact surface material Ni/Au

Contact carrier material PPA

Cable

Standards/specifications M12 connector IEC 61076-2-109

Transmission characteristics (category) CAT6A

Standards and Regulations

Standard designation M12 connector

Standards/regulations IEC 61076-2-10...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-CI-M12FSX-8CON-L90 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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