

INDUSTRIAL COMPONENT DATA

SACC-CI-M12FS-8CON-L90 SH SCO 1437009 PHOENIX CONTACT Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-CI-M12FS-8CON-L90 SH SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-CI-M12FS-8CON-L90 SH SCO
Catalog number	1437009
Category	Contact insert for circular connectors
Minimum order	20 Pcs
Document ID	EO-BB655B29AD
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Product Overview

Flush-type connector

Plug-in mounting connector, 8-pole, Female connection, straight, M12, coding: A, Printed circuit board mounting, Soldering pins, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1239641

Contact carrier, 8-position, Socket, angled, M12, coding: A, PCB mounting, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239641

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 1437009

Packing unit 20 pc

Minimum order quantity 20 pc

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GTIN 4046356438575

Weight per Piece (excluding packing) 5.300 g

Custom tariff number 85366990

Country of origin DE (Germany)

Ambient conditions

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

-40 °C ... 85 °C (without mechanical actuation)

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 2 A

Rated voltage 30 V

Rated surge voltage 0.8 kV

Number of positions 8

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 Solder pins

Insertion/withdrawal cycles > 100

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

Mounting type PCB mounting

Material

Flammability rating according to UL 94 V0

Contact material CuZn

Contact surface material Au

Contact carrier material PA 6.6

Sealing material FKM / EPDM

Cable

Standards/specifications M12 connector IEC 61076-2-101

Ambient temperature (operation) -40 °C ... 85 °C (cable, fixed installation)

-25 °C ... 85 °C (cable, flexible installation)

Standards...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-CI-M12FS-8CON-L90 SH SCO 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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