

INDUSTRIAL COMPONENT DATA

SACC-DSI-MS-12CON-M12 SCO 1559945 PHOENIX CONTACT

Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-DSI-MS-12CON-M12 SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-DSI-MS-12CON-M12 SCO
Catalog number	1559945
Category	Circular connector, mounting (PCB)
Minimum order	20 Pcs
Document ID	EO-59628C2EDB
Generated	2026-08-03

Product Overview

Flush-type connector

Conect. plug. to be apar. poster wall, 12-pole, Male connector, straight, M12-SPEEDCON, coding: A, Rear mounting, M12 x 1, Soldering pins, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1240077

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 1559945

Packing unit 20 pc

Minimum order quantity 20 pc

Note Made to Order (non-returnable)

Catalog page Page 248 (C-2-2013)

GTIN 4046356322652

Weight per Piece (excluding packing) 9.050 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length of the solder pin 6 mm

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 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 Solder pins

Insertion/withdrawal cycles > 100

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

Mounting type Rear mounting M12 x 1 With flat nut

Material

Flammability rating according to UL 94 V0

Contact material CuZn

Contact surface material Au

Contact carrier material PA 6.6

Material, knurls Zinc die-cast, nickel-plated

Sealing material NBR

Cable

Standards/specifications M12 connector IEC 6...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-DSI-MS-12CON-M12 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 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.