

INDUSTRIAL COMPONENT DATA

SACC-SQ-M12FS-8CON-20-L180 1408573 PHOENIX CONTACT

Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-SQ-M12FS-8CON-20-L180



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-SQ-M12FS-8CON-20-L180
Catalog number	1408573
Category	Circular connector, mounting (PCB)
Minimum order	10 Pcs
Document ID	EO-BDEC41952B
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Product Overview

Flush-type connector

Conect. plug. to be apar. front wall, Universal, 8-pole, Connecting female, straight, M12-SPEEDCON, coding: A, Front mounting, Square flange, Wave welding, 0.25 mm², Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1238782

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)
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Additional Product Information

Key Commercial Data

Orderkey 1408573

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

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GTIN 4046356826464

Weight per Piece (excluding packing) 12.330 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 IP20

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

Signal type/category Universal

Status display No

Overvoltage category III

Degree of pollution 3

Connection method Solder pins

Insertion/withdrawal cycles > 100

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

Mounting type Front mounting Square flange 20 mm side length

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, tin-plated

Sealing material FKM

Cable

Conductor cross section 0.25 mm²

Conductor stru...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-SQ-M12FS-8CON-20-L180 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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