

INDUSTRIAL COMPONENT DATA

SACC-CI-M12FS-8CON- TOR 32 1457678 PHOENIX CONTACT

Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-CI-M12FS-8CON-TOR 32



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-CI-M12FS-8CON-TOR 32
Catalog number	1457678
Category	Contact insert for circular connectors
Minimum order	100 Pcs
Document ID	EO-556F2E20AA
Generated	2026-07-29

Product Overview

Flush-type connector

Plug-in Mounting Connector, 8-Pole, Connecting Female, Straight, M12, Coding: A , Mounting on Printed Circuit Boards, Solder Connection THR, Alternative Product according to RoHS II without exception 6c (Pb< 0.1%) Item code: 1239842
Contact carrier, 8-position, Socket, straight, M12, coding: A, PCB mounting, THR solder connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb

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

Technical dataNotesNotes on operation 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.

Product propertiesProduct type Contact insert

Application Signal

Number of positions 8

Seal present yes

Shielded no

Coding A

Thread type M12

Data management status

Article revision 08

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Electrical propertiesRated surge voltage 0.8 kV

Contact resistance $\leq 3 \text{ m}\Omega$

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

Nominal voltage UN 30 V

Nominal current IN 2 A

Connection dataConnection method THR solder connection

Material specificationsFlammability rating according to UL 94 V0

Seal material FKM / EPDM

Contact material CuZn

Contact surface material Ni/Au

Contact carrier material PA 6.6

ConnectorConnection 1

Head design Socket

Head cable outlet straight

Head thread type M12

Coding A

Cable/lineAmbient temperature (operation) $-40^\circ\text{C} \dots 85^\circ\text{C}$ (cable, fixed installation)

$-25^\circ\text{C} \dots 85^\circ\text{C}$ (Cable, flexible installation)

Mechanical propertiesMechanical data

Insertion/withdrawal cycles > 100

Environmental and real-life conditionsAmbient conditions

Degree of protection (when plugged in) IP67 (correctly plugged in and locked)

Degree of protection IP67 (correctly plugged in and locked)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-CI-M12FS-8CON-TOR 32 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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