

INDUSTRIAL COMPONENT DATA

SACC-CIM12MS8PL180THRSHSAMPLE 1413553 PHOENIX CONTACT Sample set

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-CIM12MS8PL180THRSHSAMPLE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-CIM12MS8PL180THRSHSAMPLE
Catalog number	1413553
Category	Contact insert for circular connectors
Minimum order	1 Pcs
Document ID	EO-525651F89D
Generated	2026-08-06

Product Overview

Sample set

Built-in mounting male for sensors/actuators, 8-pole, shielded, with straight THR welding connection

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 1413553

Packing unit 1 pc

GTIN 4055626008233

Weight per Piece (excluding packing) 5.000 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 THR solder connection

Insertion/withdrawal cycles > 100

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

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 and Regulations

Standard designation M12 connector

Standards/regulations IEC...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-CIM12MS8PL180THRSHSAMPLE 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.