

**INDUSTRIAL COMPONENT DATA**

# SACC-CI-M12MSK-4PE-L180 THR T 1420819 PHOENIX CONTACT Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-CI-M12MSK-4PE-L180 THR T



|                 |                                        |
|-----------------|----------------------------------------|
| Manufacturer    | PHOENIX CONTACT                        |
| MPN / Reference | SACC-CI-M12MSK-4PE-L180 THR T          |
| Catalog number  | 1420819                                |
| Category        | Contact insert for circular connectors |
| Minimum order   | 60 Pcs                                 |
| Document ID     | EO-C44C515C66                          |
| Generated       | 2026-08-04                             |

## Product Overview

Flush-type connector

Contact holder, Power, 5-pole, Male connector, straight, M12, coding: K, Printed circuit board mounting, Solder connection THR, The item does not contain lead according to the RoHS II directive except for the exception 6c (Pb< 0.1%)

**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 &gt; Field Device Connectors (FDC)

## Additional Product Information

Key Commercial Data

Orderkey 1420819

Packing unit 60 pc

Minimum order quantity 60 pc

Note Made to Order (non-returnable)

GTIN 4055626280653

Weight per Piece (excluding packing) 5.280 g

Custom tariff number 85366990

Country of origin DE (Germany)

Ambient conditions

Ambient temperature (operation) -25 °C ... 105 °C

-40 °C ... 105 °C (without mechanical actuation)

Degree of protection IP67 (correctly plugged in and locked)

## 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 16 A

Rated voltage 630 V

Rated surge voltage 6 kV

Number of positions 5

Coding K - Power

Standards/regulations M12 connector IEC 61076-2-111 In line with

Signal type/category Power

Overvoltage category III

Degree of pollution 3

Connection method THR solder connection

Insertion/withdrawal cycles > 100

Mounting type PCB mounting

Type of packaging Tray

Delivery state with assembly pad

## Material

Flammability rating according to UL 94 V0

Contact material CuZn

Contact surface material Au

Contact carrier material PA4T

Sealing material FKM

## Cable

Standards/specifications M12 connector IEC 61076-2-111 In line with

Standards and Regulations

Standard designation M12 connector

Standards/regulations IEC 610...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-CI-M12MSK-4PE-L180 THR T with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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