INDUSTRIAL COMPONENT DATA

# SACC-CI-M12MSL-4FE-L180 THR T 1420817 PHOENIX CONTACT Flush-type connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-CI-M12MSL-4FE-L180 THR T**



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| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SACC-CI-M12MSL-4FE-L180 THR T |
| Catalog number | 1420817 |
| Category | Contact insert for circular connectors |
| Minimum order | 60 Pcs |
| Document ID | EO-304B18411D |
| Generated | 2026-11-19 |

## Product Overview

Flush-type connector
Contact support, Power, 5-pole, Male connector, straight, M12, coding: L, Printed circuit board mounting, THR solder connection, The item does not contain lead according to the RoHS II directive without 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

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| Catalog path | PHOENIX CONTACT > Field Device Connectors (FDC) |

## Additional Product Information

Key Commercial Data
Orderkey 1420817
Packing unit 60 pc
Minimum order quantity 60 pc
Note Made to Order (non-returnable)
GTIN 4055626280615
Weight per Piece (excluding packing) 4.880 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.
FE not connected to metal parts that can be touched, no protective function
Rated current at 40°C 16 A
Rated voltage 63 V
Rated surge voltage 1.5 kV
Number of positions 5
Coding L - 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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-CI-M12MSL-4FE-L180 THR T 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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