

**INDUSTRIAL COMPONENT DATA**

# SACC-CI-M12MSL-4FE-L180 THR SH GR R 1425601 PHOENIX CONTACT Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: 1425601



|                 |                                        |
|-----------------|----------------------------------------|
| Manufacturer    | PHOENIX CONTACT                        |
| MPN / Reference | 1425601                                |
| Catalog number  | SACC-CI-M12MSL-4FE-L180 THR SH GR R    |
| Category        | Contact insert for circular connectors |
| Minimum order   | 60 Pcs                                 |
| Document ID     | EO-ED8EF4E0E5                          |
| Generated       | 2026-08-03                             |

## Product Overview

Flush-type connector

Incorp. mount plug-in connector, Power, 5-pole, Male connector, straight, L - Power, Printed circuit board mounting, 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 &gt; Field Device Connectors (FDC)

## Additional Product Information

Key Commercial Data

Orderkey 1425601

Packing unit 60 pc

Minimum order quantity 60 pc

Note Made to Order (non-returnable)

GTIN 4055626498553

Weight per Piece (excluding packing) 10.790 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 Belt

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 an...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / 1425601 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

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