

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-M12MSL/ 1,5-280 FE 1414883 PHOENIX CONTACT

## Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MSL/ 1,5-280 FE



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-5P-M12MSL/ 1,5-280 FE  |
| Catalog number  | 1414883                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-20AB63E2F2              |
| Generated       | 2026-08-04                 |

### Product Overview

Power cable

Power cable, 5-pole halogen-free, Straight M12 connector, coding: L, to free cable end, cable length: 1.5 m, for direct current up to 16 A / 63 V

Power cable, 5-pin, halogen-free, PUR halogen-free, grey RAL 7001, straight male M12, coding: L, on free conductor end, cable length: 1.5 m, for direct current up to 16 A / 63 V

**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 > Industrial Field Connectivity (IFC) |
|--------------|-------------------------------------------------------|

### Additional Product Information

Key Commercial Data

Orderkey 1414883

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4055626035130

Weight per Piece (excluding packing) 288.500 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 1.5 m

**Ambient conditions**

Ambient temperature (operation) -25 °C ... 85 °C (Plug / socket)

Degree of protection IP65

IP67

IP68

**General**

Rated current at 40°C 16 A

Rated voltage 63 V DC

Number of positions 5

Color handle area black

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

Coding L - Power

Standards/regulations M12 connector IEC 61076-2-111

Status display No

Protective circuit/component unwired

Overvoltage category III

Degree of pollution 3

Insertion/withdrawal cycles  $\geq 100$

Torque 0.4 Nm (M12 connector)

**Material**

Flammability rating according to UL 94 V0

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material PA

Material of grip body PA

Material, knurls Zinc die-cast, nickel-plated

**Standards and Regulations**

Standard designation M12 connector

Standards/regulations IEC 61076-2-111

Flammability rating according to UL 94 V0

**Cable**

Cable type PUR halogen-free gray

Cable type (abbreviation) 280

UL AWM style 20233 / 10493 (80°C/300 V)

Conductor cross section 5x 2.5 mm<sup>2</sup>

AWG power supply 14

Conductor structure, voltage supply 141x 0.15 mm

Core diameter including insulation 2.85 mm  $\pm 0.1 \text{ mm}$

Thickness, insulation  $\geq 0.31 \text{ mm}$

Wire colors Brown, white, blue, black, gray

External sheath, color gray RAL 7001

Outer....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MSL/ 1,5-280 FE 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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