

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-M12MRL/ 3,0-280 FE SH 1414855 PHOENIX CONTACT

## Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MRL/ 3,0-280 FE SH



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | PHOENIX CONTACT              |
| MPN / Reference | SAC-5P-M12MRL/ 3,0-280 FE SH |
| Catalog number  | 1414855                      |
| Category        | Sensor-actuator patch cord   |
| Minimum order   | 1 Pcs                        |
| Document ID     | EO-71919297C8                |
| Generated       | 2026-08-02                   |

### Product Overview

Power cable

Power cable, 5-pole halogen-free, shielded (Advanced Shielding Technology), M12 angled connector, coding: L, to free cable end, cable length: 3 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 1414855

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4055626034874

Weight per Piece (excluding packing) 666.520 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 3 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)

63 V DC

Number of positions 5

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  $5 \times 2.5 \text{ mm}^2$

AWG power supply 14

Conductor structure, voltage supply  $141 \times 0.15 \text{ mm}$

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

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

Wire colors Brown, white, blue, black, gray

External sheath, color gray RAL 7001

Outer sheath thickness approx. 0.76 mm

External cable d...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MRL/ 3,0-280 FE SH 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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