INDUSTRIAL COMPONENT DATA

# SAC-5P-M12MSL/ 3,0-280 FE 1414887 PHOENIX CONTACT Power cable

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MSL/ 3,0-280 FE**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-5P-M12MSL/ 3,0-280 FE |
| Catalog number | 1414887 |
| Category | Sensor-actuator patch cord |
| Minimum order | 1 Pcs |
| Document ID | EO-F399257E60 |
| Generated | 2026-11-18 |

## Product Overview

Power cable
Power cable, 5-pole halogen-free, Straight M12 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

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Field Connectivity (IFC) |

## Additional Product Information

Key Commercial Data
Orderkey 1414887
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 298 (C-2-2017)
GTIN 4055626035178
Weight per Piece (excluding packing) 570.620 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
Number of positions 5
Color handle area black
Insulation resistance >= 100 M?
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 >= 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 mm²
AWG power supply 14
Conductor structure, voltage supply 141x 0.15 mm
Core diameter including insulation 2.85 mm ±0.1 mm
Thickness, insulation >= 0.31 mm
Wire colors Brown, white, blue, black, gray
External sheath, color gray RAL 7001
Outer sh...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MSL/ 3,0-280 FE 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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