INDUSTRIAL COMPONENT DATA

# SAC-4P-M12MSL/0,3-PUR/FSL 1425081 PHOENIX CONTACT Power cable

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MSL/0,3-PUR/FSL**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-4P-M12MSL/0,3-PUR/FSL |
| Catalog number | 1425081 |
| Category | Sensor-actuator patch cord |
| Minimum order | 1 Pcs |
| Document ID | EO-1010C894AA |
| Generated | 2026-11-19 |

## Product Overview

Power cable
Power cable, 4-pole halogen-free, Straight connector M12, coding: L, to Straight female M12, coding: L, cable length: 0.3 m, for direct current up to 16 A / 63 V
Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, coding: L, on Socket straight M12, coding: L, cable length: 0.3 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

Technical dataProduct propertiesProduct type Power cable
Application Power supply
Number of positions 4
No. of cable outlets 1
Shielded no
Coding L
Data management status
Article revision 05
Insulation characteristics
Overvoltage category III
Degree of pollution 3

Material specificationsFlammability rating according to UL 94 V0
Material of grip body PP
Contact material CuZn
Contact surface material Ni/Au
Contact carrier material PA
Material for screw connection Zinc die-cast, nickel-plated
Electrical propertiesInsulation resistance >= 100 M?
Nominal voltage UN 63 V DC
Nominal current IN 16 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 100
ConnectorConnection 1
Type Plug straight M12
Coding type L (Power)
Connection 2
Type Socket straight M12
Coding type L (Power)
Cable/lineCable length 0.3 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 144 kg/km
UL AWM Style 20233 / 10493 (80°C/300 V)
Number of positions 4
Shielded no
Cable type PUR halogen-free black [PUR]
Conductor cross section 4x 2.5 mm²
Wire diameter incl. insulation 2.85 mm ±0.1 mm
External cable diameter 8.80 mm ±0.25 mm
Outer sheath, material PUR
External sheath, color black-gray RAL 7021
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color brown, white, blue, black
Thickness, insulation >= 0.31 mm
Thickness, outer sheath approx. 0.76 mm
Max. conductor resistance <= 8 ?/km (at 20 °C)
Insulation resistance >= 1 G?*km (at 20 °C)
Nominal voltage, cable....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MSL/0,3-PUR/FSL 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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