INDUSTRIAL COMPONENT DATA

# SAC-4P- 1,5-PUR/M12FRT SH 1424116 PHOENIX CONTACT Power cable

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-1,5-PUR/M12FRT SH**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-4P-1,5-PUR/M12FRT SH |
| Catalog number | 1424116 |
| Category | Sensor-actuator patch cord |
| Minimum order | 1 Pcs |
| Document ID | EO-2A3E80B516 |
| Generated | 2026-11-19 |

## Product Overview

Power cable
Power cable, 4-pole halogen-free, shielded (Advanced Shielding Technology), free cable end, to Elbowed Female M12, coding: T, cable length: 1.5 m, for direct current up to 12 A/63 V
Power cable, 4-position, PUR halogen-free, black RAL 9005, shielded (Advanced Shielding Technology), free cable end, on Socket angled M12, coding: T, cable length: 1.5 m, For direct current up to 12 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 yes
Coding T
Data management status
Article revision 06
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 12 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles > 100
ConnectorConnection 1
Type free cable end
Connection 2
Type Socket angled M12
Coding type T (Power)
Cable/lineCable length 1.5 m
PUR halogen-free black [PUR]
Dimensional drawing
Cable weight 133 kg/km
UL AWM Style 20233 / 10493 (80°C/300 V)
Number of positions 4
Shielded yes
Cable type PUR halogen-free black [PUR]
Conductor cross section 4x 1.5 mm²
Wire diameter incl. insulation 2.4 mm
External cable diameter 9.70 mm ±0.3 mm
Outer sheath, material PUR
External sheath, color black RAL 9005
Conductor material Bare Cu litz wires
Material wire insulation PP
Single wire, color brown, white, blue, black
Thickness, insulation 1.20 mm (Outer cable sheath)
Overall twist 4 wires optimally twisted
Max. conductor resistance <= 13.3 ?/km (at 20 °C)
Insulation resistance >= 10 M?*km (at 20 °C)
Nominal voltage, cable 300 V AC
Test vol...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-1,5-PUR/M12FRT SH 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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