INDUSTRIAL COMPONENT DATA

# SAC-4P-M12MRT/ 2,5-PUR/M12FRT 1011312 PHOENIX CONTACT Power cable

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MRT/ 2,5-PUR/M12FRT**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-4P-M12MRT/ 2,5-PUR/M12FRT |
| Catalog number | 1011312 |
| Category | Sensor-actuator patch cord |
| Minimum order | 50 Pcs |
| Document ID | EO-AE5DA79E58 |
| Generated | 2026-11-19 |

## Product Overview

Power cable
Power cable, 4-pole, halogen-free, grayish-black RAL 7021, Angled male connector M12, coding: T-coded, to Angled female M12, coding: T-coded, cable length: 2.5 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

Key Commercial Data
Orderkey 1011312
Packing unit 1
GTIN 4055626485720
Custom tariff number 85444290
Dimensions
Length of cable 2.5 m
Ambient conditions
Ambient temperature (operation) -25 °C ... 85 °C (Plug / socket)
Degree of protection IP65
IP67
General
Rated current at 40°C 12 A

Rated voltage 63 V DC
Number of positions 4
Insulation resistance >= 100 M?
Coding T 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
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 black
Cable type (abbreviation) PUR
Cable abbreviation Li9YV1-11Y
UL AWM style 20233 / 10493 (80°C/300 V)
Conductor cross section 4x 1.5 mm²
AWG power supply 16
Conductor structure, voltage supply 78x 0.15 mm
Core diameter including insulation 2.35 mm ±0.05 mm
Thickness, insulation >= 0.25 mm
Wire colors brown, white, blue, black
Overall twist 4 wires, twisted
Length of twist, overall twist 90 mm
External sheath, color black-gray RAL 7021
Outer sheath thickness approx. 1.3 mm
External cable diameter D 8.4 mm ±0.25 mm
Minimum bending radius, fixed install...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MRT/ 2,5-PUR/M12FRT 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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