

**INDUSTRIAL COMPONENT DATA**

# SAC-4P-M12MST/ 1,5-PUR/M12FRT 1011321 PHOENIX CONTACT Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MST/ 1,5-PUR/M12FRT



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | SAC-4P-M12MST/ 1,5-PUR/M12FRT |
| Catalog number  | 1011321                       |
| Category        | Sensor-actuator patch cord    |
| Minimum order   | 50 Pcs                        |
| Document ID     | EO-6EF593E7FD                 |
| Generated       | 2026-08-05                    |

## Product Overview

Power cable

Power cable, 4-pole halogen-free, M12 straight connector, encoding: T, to M12 straight female, encoding: 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

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

## Additional Product Information

Key Commercial Data

Orderkey 1011321

Packing unit 1

GTIN 4055626483986

Custom tariff number 85444290

Dimensions

Length of cable 1.5 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  $\geq 100 \text{ M}\Omega$   
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  $4 \times 1.5 \text{ mm}^2$   
AWG power supply 16  
Conductor structure, voltage supply  $78 \times 0.15 \text{ mm}$   
Core diameter including insulation  $2.35 \text{ mm} \pm 0.05 \text{ mm}$   
Thickness, insulation  $\geq 0.25 \text{ mm}$   
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  $D 8.4 \text{ mm} \pm 0.25 \text{ mm}$   
Minimum bending radius, fixed install...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MST/ 1,5-PUR/M12FRT 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

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