

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MST/4,5-PUR/M12FST 1012046 PHOENIX CONTACT Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MST/4,5-PUR/M12FST



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MST/4,5-PUR/M12FST
Catalog number	1012046
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-C74C2A48DC
Generated	2026-08-06

Product Overview

Power cable

Power cable, 4-pole, halogen-free PUR, grayish black RAL 7021, Straight male connector M12, coding: Encoded T, to Female straight connection M12, coding: Encoded T, cable length: 4.5 m, for direct current up to 12 A/63V

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 1012046

Packing unit 1

GTIN 4055626487939

Custom tariff number 85444290

Dimensions

Length of cable 4.5 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/4,5-PUR/M12FST 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.