

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MST/8,0-PUR/M12FST 1012054 PHOENIX CONTACT Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MST/8,0-PUR/M12FST



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MST/8,0-PUR/M12FST
Catalog number	1012054
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
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Product Overview

Power cable

Power cable, 4-pole halogen-free, Straight connector M12, coding: T, to Straight female M12, coding: T, cable length: 8 m, for direct current up to 12 A/63 V

Power cable, 4-pole, halogen-free PUR, grey-black RAL 7021, straight male connector M12, encoding: T, on straight female connector M12, encoding: T, cable length: 8 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)
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Additional Product Information

Key Commercial Data

Orderkey 1012054

Packing unit 1

GTIN 4055626487052

Custom tariff number 85444290

Dimensions

Length of cable 8 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 installat...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MST/8,0-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

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