

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MST/3,0-PUR/FST SH 1416447 PHOENIX CONTACT Power cable SAC-4P-M12MST/3,0-PUR/FST SH 1416447

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MST/3,0-PUR/FST SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MST/3,0-PUR/FST SH
Catalog number	1416447
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-BC35F4B6EB
Generated	2026-08-06

Product Overview

Power cable - SAC-4P-M12MST/3,0-PUR/FST SH - 1416447

Power cable, 4-pole halogen-free, shielded (Advanced Shielding Technology), Straight connector M12, coding: T, to Straight female M12, coding: T, cable length: 3 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

Power cable, 4-position, PUR halogen-free, black RAL 9005, shielded (Advanced Shielding Technology), Plug straight M12, T-coded, on Socket straight M12, T-coded, cable length: 3 m

Key Commercial Data

Orderkey 1416447

Packing unit 1

GTIN 4055626075525

Custom tariff number 85444290

Dimensions

Length of cable 3 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

Color handle area black

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

Torque 0.4 Nm (M12 connector)

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 LS9YC11Y-OB

Conductor cross section $4 \times 1.5 \text{ mm}^2$

AWG power supply 16

Core diameter including insulation 2.4 mm

Thickness, insulation 1.2 mm (Outer cable sheath)

Wire colors brown, white, blue, black

Overall twist 4 wires optimally twisted

Shielding Tinned copper-braided shi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MST/3,0-PUR/FST 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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