

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MST/10,0-PUR SH 1424123 PHOENIX CONTACT

Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MST/10,0-PUR SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MST/10,0-PUR SH
Catalog number	1424123
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
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Product Overview

Power cable

Power cable, 4-pole halogen-free, shielded (Advanced Shielding Technology), Straight M12 connector, coding: T, to free cable end, cable length: 10 m, for direct current up to 12 A/63 V

Power cable, 4-position, PUR halogen-free, black RAL 9005, shielded (Advanced Shielding Technology), Plug straight M12, coding: T, on free cable end, cable length: 10 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

Technical dataProduct propertiesProduct type Power cable

Application Power supply

Number of positions 4

No. of cable outlets 1

Shielded yes

Coding T

Data management status

Article revision 06

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Material specifications Flammability rating according to UL 94 V0

Material of grip body PP

Contact material CuZn

Contact surface material Ni/Au

Contact carrier material PA

Material for screw connection Zinc die-cast, nickel-plated

Electrical properties Insulation resistance $\geq 100 \text{ M}\Omega$

Nominal voltage UN 63 V DC

Nominal current IN 12 A

Mechanical properties Mechanical data

Insertion/withdrawal cycles > 100

Connector Connection 1

Type Plug straight M12

Coding type T (Power)

Connection 2

Type free cable end

Cable/line Cable length 10 m

PUR halogen-free black [PUR]

Dimensional drawing

Cable weight 133 kg/km

UL AWM Style 20233 / 10493 (80°C/300 V)

Number of positions 4

Shielded yes

Cable type PUR halogen-free black [PUR]

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

Wire diameter incl. insulation 2.4 mm

External cable diameter $9.70 \text{ mm} \pm 0.3 \text{ mm}$

Outer sheath, material PUR

External sheath, color black RAL 9005

Conductor material Bare Cu litz wires

Material wire insulation PP

Single wire, color brown, white, blue, black

Thickness, insulation 1.20 mm (Outer cable sheath)

Overall twist 4 wires optimally twisted

Max. conductor resistance $\leq 13.3 \text{ } \Omega/\text{km}$ (at 20 °C)

Insulation resistance $\geq 10 \text{ M}\Omega \cdot \text{km}$ (at 20 °C)

Nominal voltage, cable 300 V AC

Test volt...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MST/10,0-PUR 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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