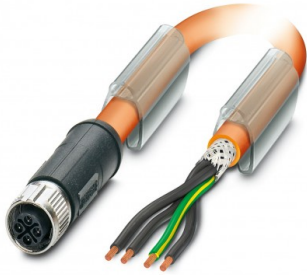


INDUSTRIAL COMPONENT DATA

SAC-4P- 3,0-PUR/M12FSS PE SH 1424097 PHOENIX CONTACT

Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-3,0-PUR/M12FSS PE SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-3,0-PUR/M12FSS PE SH
Catalog number	1424097
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-211BF6C5A0
Generated	2026-08-05

Product Overview

Power cable

Power cable, 4-pole halogen-free, shielded (Advanced Shielding Technology), free cable end, to straight female M12, coding: S, cable length: 3 m, for alternating current up to 12 A/690 V

Power cable, 4-position, PUR halogen-free, orange RAL 2003, shielded (Advanced Shielding Technology), free cable end, on Socket straight M12, coding: S, cable length: 3 m, for AC current up to 12 A/690 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 S

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 690 V AC

Nominal current IN 12 A

Mechanical properties Mechanical data

Insertion/withdrawal cycles > 100

Connector Connection 1

Type free cable end

Connection 2

Type Socket straight M12

Coding type S (Power)

Cable/line Cable length 3 m

PUR halogen-free orange shielded [PUR]

Dimensional drawing

UL AWM Style 20234 / 10492 (80°C/1000 V)

Number of positions 4

Shielded yes

Cable type PUR halogen-free orange shielded [PUR]

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

Wire diameter incl. insulation $\leq 2.5 \text{ mm}$

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

Outer sheath, material PUR

External sheath, color orange RAL 2003

Conductor material Bare Cu litz wires

Material wire insulation PP

Single wire, color black 1, black 2, black 3, green/yellow

Thickness, insulation 0.40 mm

Thickness, outer sheath 1.20 mm

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 volta...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-3,0-PUR/M12FSS PE 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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