

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MSS/3,0-PUR/FSSPESH 1423650 PHOENIX CONTACT Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MSS/3,0-PUR/FSSPESH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MSS/3,0-PUR/FSSPESH
Catalog number	1423650
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-78BD869848
Generated	2026-08-06

Product Overview

Power cable

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

Power cable, 4-position, PUR halogen-free, orange RAL 2003, shielded (Advanced Shielding Technology), Plug straight M12, coding: S, 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

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Material specificationsFlammability 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 Plug straight M12
Coding type S (Power)
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 voltage, cable 1000 V A...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MSS/3,0-PUR/FSSPESH 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.