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

PRODUCT IMAGE\nNOT AVAILABLE

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-444D61CCD9
Generated	2026-11-19

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 propertiesInsulation resistance >= 100 M?
Nominal voltage UN 690 V AC
Nominal current IN 12 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles > 100
ConnectorConnection 1
Type Plug straight M12
Coding type S (Power)
Connection 2
Type Socket straight M12
Coding type S (Power)
Cable/lineCable 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 4x 1.5 mm²
Wire diameter incl. insulation <= 2.5 mm
External cable diameter 9.70 mm ±0.3 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 <= 13.3 ?/km (at 20 °C)
Insulation resistance >= 10 M?*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.