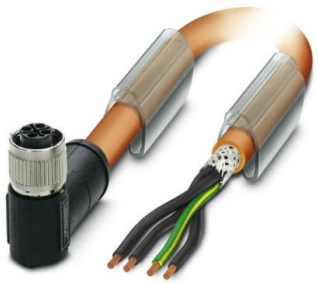
INDUSTRIAL COMPONENT DATA

SAC-4P- 5,0-PUR/M12FRS PE SH 1424102 PHOENIX CONTACT Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-5,0-PUR/M12FRS PE SH



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-5,0-PUR/M12FRS PE SH
Catalog number	1424102
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-23191C2C52
Generated	2026-11-19

Product Overview

Power cable
Power cable, 4-pole halogen-free, shielded (Advanced Shielding Technology), free cable end, to Elbowed Female M12, coding: S, cable length: 5 m, for AC 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

Key Commercial Data
Orderkey 1424102
Packing unit 1 pc
Catalog page Page 294 (C-2-2017)
GTIN 4046356693073
Weight per Piece (excluding packing) 746.900 g
Custom tariff number 85444290
Country of origin PL (Poland)
Dimensions
Length of cable 5 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 690 V AC
Number of positions 4
Color handle area black
Insulation resistance >= 100 M?
Coding S 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 orange shielded
Cable type (abbreviation) PUR
Cable abbreviation 9YSLC11Y-JZ
UL AWM style 20234 / 10492 (80°C/1000 V)
Conductor cross section 4x 1.5 mm²
AWG power supply 16
Conductor structure, voltage supply 78x 0.15 mm
Core diameter including insulation <= 2.5 mm
Thickness, insulation 0.4 mm
Wire colors Black 1, black 2, black 3, green/yellow
Overall twist 4 wires optimally twisted
Shieldi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-5,0-PUR/M12FRS 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

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.