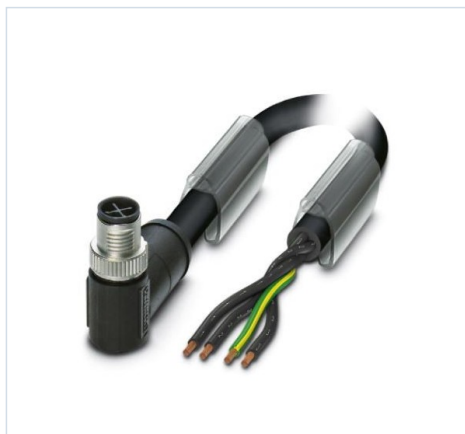


INDUSTRIAL COMPONENT DATA

SAC-4P-M12MRS/ 3,0-PUR PE 1029445 PHOENIX CONTACT

Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MRS/ 3,0-PUR PE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MRS/ 3,0-PUR PE
Catalog number	1029445
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-79C884F944
Generated	2026-08-06

Product Overview

Power cable

Power cable, 4-pole halogen-free, M12 angled connector, coding: S, to free cable end, cable length: 3 m, for alternating 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)
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Additional Product Information

Key Commercial Data

Orderkey 1029445

Packing unit 1

GTIN 4055626530673

Custom tariff number 85444290

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 $\geq 100 \text{ M}\Omega$
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 CuZn
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 black
Cable type (abbreviation) PUR
Cable abbreviation Li9YV1-11Y
UL AWM style 20234 / 10492 (80°C/1000 V)
Conductor cross section $4 \times 1.5 \text{ mm}^2$
AWG power supply 16
Conductor structure, voltage supply $78 \times 0.15 \text{ mm}$
Core diameter including insulation $2.45 \text{ mm} \pm 0.05 \text{ mm}$
Thickness, insulation $\geq 0.36 \text{ mm}$
Wire colors Black 1, black 2, black 3, green/yellow
Overall twist 4 wires, twisted
Length of twist, overall twist 93 mm
External sheath, color black-gray RAL 7021
Outer sheath thickness approx. 1.3 mm
External ca...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MRS/ 3,0-PUR PE 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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