

INDUSTRIAL COMPONENT DATA

SAC-3P- 2,0-PVC/M12FRS PE 1411649 PHOENIX CONTACT

Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-2,0-PVC/M12FRS PE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-3P-2,0-PVC/M12FRS PE
Catalog number	1411649
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-25F7BD0AF3
Generated	2026-08-05

Product Overview

Power cable

Power cable, 3-pole, free cable end, to Angled female M12, coding: S, cable length: 2 m, for alternating current up to 16 A/250 V

Power cable, 3-pole, PVC, black, free cable end, to Female angled M12, coding: S, cable length: 2 m, for alternating current up to 16 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 1411649

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 293 (C-2-2017)

GTIN 4046356936750

Weight per Piece (excluding packing) 198.100 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 2 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 85 °C (Plug / socket)

Degree of protection IP65

IP67

General

Rated current at 40°C 16 A

Rated voltage 230 V AC

230 V DC

Number of positions 3

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 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 PVC black

Cable type (abbreviation) PVC

Cable abbreviation LSYwYw-JZ

UL AWM style 2517 (105 °C / 300 V)

Conductor cross section $3 \times 1.5 \text{ mm}^2$

AWG power supply 16

Conductor structure, voltage supply $30 \times 0.25 \text{ mm}$

Core diameter including insulation $2.4 \text{ mm} \pm 0.1 \text{ mm}$

Wire colors black 1, black 2, green/yellow

Overall twist 3 wires, twisted

External sheath, color black

Exte...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-2,0-PVC/M12FRS 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

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.