

INDUSTRIAL COMPONENT DATA

SAC-4P- 1,0-PUR/M12FSS PE 1408843 PHOENIX CONTACT

Power cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-1,0-PUR/M12FSS PE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-1,0-PUR/M12FSS PE
Catalog number	1408843
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-1927830EFF
Generated	2026-08-05

Product Overview

Power cable

Power cable, 4-pole halogen-free, free cable end, to straight female M12, coding: S, cable length: 1 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 1408843

Packing unit 1 pc

Catalog page Page 294 (C-2-2017)

GTIN 4046356839884

Weight per Piece (excluding packing) 137.000 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 1 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 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 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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-1,0-PUR/M12FSS 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.