

INDUSTRIAL COMPONENT DATA

SAC-4P-M12MSS/ 5,0-PUR/FSS PE 1416409 PHOENIX CONTACT Power cable SAC-4P-M12MSS/ 5,0-PUR/FSS PE 1416409

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MSS/ 5,0-PUR/FSS PE



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-4P-M12MSS/ 5,0-PUR/FSS PE
Catalog number	1416409
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-367790AC33
Generated	2026-08-06

Product Overview

Power cable - SAC-4P-M12MSS/ 5,0-PUR/FSS PE - 1416409

Power cable, 4-pole halogen-free, Straight connector M12, coding: S, to Straight female M12, coding: S, cable length: 5 m, for AC current up to 12 A/690 V

Power cable, 4-pole, halogen-free PUR, grayish black RAL 7021, Straight connector M12, coding: S, to Straight female M12, coding: S, cable length: 5 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)
--------------	---

Additional Product Information

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, S-coded, on Socket straight M12, S-coded, cable length: 10 m, for AC current up to 12 A/690 V

Key Commercial Data

Orderkey 1416409

Packing unit 1

GTIN 4055626073132

Custom tariff number 85444290

Dimensions

Length of cable 10 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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MSS/ 5,0-PUR/FSS 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.