

**INDUSTRIAL COMPONENT DATA**

# SAC-4P-M12MSS/ 1,9-PUR/FSS PE 1424728 PHOENIX CONTACT Power cable SAC-4P-M12MSS/ 1,9-PUR/FSS PE 1424728

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MSS/ 1,9-PUR/FSS PE



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | SAC-4P-M12MSS/ 1,9-PUR/FSS PE |
| Catalog number  | 1424728                       |
| Category        | Sensor-actuator patch cord    |
| Minimum order   | 25 Pcs                        |
| Document ID     | EO-156D092D14                 |
| Generated       | 2026-08-06                    |

## Product Overview

Power cable - SAC-4P-M12MSS/ 1,9-PUR/FSS PE - 1424728

Power cable, 4-pole halogen-free, M12 straight connector, encoding: S, to M12 straight female, coding: S, cable length: 1.9 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

Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, S-coded, on Socket straight M12, S-coded, cable length: 1.9 m, for AC current up to 12 A/690 V

Key Commercial Data

Orderkey 1424728

Packing unit 1

GTIN 4055626380896

Custom tariff number 85444290

Dimensions

Length of cable 1.9 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, bl...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MSS/ 1,9-PUR/FSS PE with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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