

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-M12MS/0,3-PVC/M12FR-3L 1415703 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/0,3-PVC/M12FR-3L



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | SAC-5P-M12MS/0,3-PVC/M12FR-3L |
| Catalog number  | 1415703                       |
| Category        | Sensor-actuator patch cord    |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-F8D1946B71                 |
| Generated       | 2026-08-05                    |

## Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, PVC, black RAL 9005, Straight male connector M12, coding: A, to Elbow connection female M12, coding: A, with 3 LEDs, cable length: 0.3 m

Sensor/actuator cable, 5-pole, PVC, black RAL 9005, Straight M12 connector, coding: A, with 3 LEDs, to Angled female M12, coding: A, with 3 LEDs, cable length: 0.3 m

**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 1415703

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4055626052304

Weight per Piece (excluding packing) 32.500 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 0.3 m

**Ambient conditions**

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

Degree of protection IP65

IP67

IP68

**General**

Rated current at 40°C 4 A

Rated voltage 24 V

24 V DC

Number of positions 5

Insulation resistance  $\geq 100 \text{ M}\Omega$

Coding A - standard

Standards/regulations M12 connector IEC 61076-2-101

Status display 3 LEDs

Protective circuit/component unwired

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles  $\geq 100$

**Material**

Flammability rating according to UL 94 HB

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material TPU GF

Material of grip body TPU, hardly inflammable, self-extinguishing

Material, knurls Zinc die-cast, nickel-plated

Sealing material NBR

**Standards and Regulations**

Standard designation M12 connector

Standards/regulations IEC 61076-2-101

Flammability rating according to UL 94 HB

**Cable**

Cable type PVC black

Cable type (abbreviation) PVC

Cable abbreviation LiYY

UL AWM style 2464 / 1729 (80°C/300 V)

Conductor cross section  $5 \times 0.34 \text{ mm}^2$  (Signal line)

AWG signal line 22

Conductor structure signal line  $19 \times 0.15 \text{ mm}$

Core diameter including insulation  $1.26 \text{ mm} \pm 0.05 \text{ mm}$

Thickness, insulation  $\geq 0.23 \text{ mm}$  (Core insulation)

Wire colors brown, white, bl...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/0,3-PVC/M12FR-3L 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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