

**INDUSTRIAL COMPONENT DATA**

# SAC-5P-M12MS/5,0-150/M12FR-3L 1560413 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MS/5,0-150/M12FR-3L



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | SAC-5P-M12MS/5,0-150/M12FR-3L |
| Catalog number  | 1560413                       |
| Category        | Sensor-actuator patch cord    |
| Minimum order   | 5 Pcs                         |
| Document ID     | EO-D60B936D5A                 |
| Generated       | 2026-08-05                    |

## Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, halogen-free PUR, irradiation cross-linked, orange RAL 2003, M12 straight male connector, coding: A, to M12 angled connection female, coding: A, with 3 LEDs, cable length: 5 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 1560413

Packing unit 5 pc

Minimum order quantity 5 pc

Note Made to Order (non-returnable)

GTIN 4046356184786

Weight per Piece (excluding packing) 227.750 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 5 m

Ambient conditions

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

Status display 3 LEDs

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

Flammability rating according to UL 94 HB

Cable

Cable type PUR irradiated halogen-free orange

Cable type (abbreviation) 151

Cable abbreviation D12YSL11X-JB

Conductor cross section  $0.34 \text{ mm}^2$

AWG signal line 22

Conductor structure signal line  $42 \times 0.10 \text{ mm}$

Core diameter including insulation  $1.05 \text{ mm} \pm 0.05 \text{ mm}$

Wire colors brown, white, blue, black, green-yellow

Overall twist 5 cores, twisted

External sheath, color orange RAL 2003

External cable diameter  $D 5.9 \text{ mm} \pm 0.2 \text{ mm}$

Smallest bending radius, fixed installation min. 25 mm

Smallest bending radius, movable installation min. 40 mm

Number of bending cycles 5000000

Bending radius 59 mm

Trav...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MS/5,0-150/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

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

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