

**INDUSTRIAL COMPONENT DATA**

# SAC-3P-M12MS/ 0,6-170/M12FR 1538526 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/ 0,6-170/M12FR



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | SAC-3P-M12MS/ 0,6-170/M12FR |
| Catalog number  | 1538526                     |
| Category        | Sensor-actuator patch cord  |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-AC3E4E556D               |
| Generated       | 2026-08-05                  |

## Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, halogen-free PUR, greyish black RAL 7021, Straight male connector M12, coding: A, to Elbow connection female M12, coding: A, cable length: 0.6 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 1538526

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4046356075466

Weight per Piece (excluding packing) 33.820 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 0.6 m

Ambient conditions

Degree of protection IP65

IP67

IP68

General

Rated current at 40°C 4 A

Rated voltage 250 V AC

250 V DC

Number of positions 3

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

Coding A - standard

Status display No

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles  $\geq 100$

Torque 0.4 Nm

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 halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation Li9Y11Y

UL AWM style 20549

Conductor cross section  $3 \times 0.34 \text{ mm}^2$  (Signal line)

AWG signal line 22

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

Core diameter including insulation  $1.27 \text{ mm} \pm 0.02 \text{ mm}$  (Signal line)

Thickness, insulation  $\geq 0.21 \text{ mm}$  (Core insulation)

approx.  $0.5 \text{ mm}$  (Outer cable sheath)

Wire colors brown, blue, black

Overall twist 3 wires, twisted

External sheath, color black-gray RAL 7021

External cable diameter  $D 3.85 \text{ mm} \pm 0.15 \text{ mm}$

Smallest bending radius, fixed installation 19 mm

Smallest bending radius, mov...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/ 0,6-170/M12FR 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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