

**INDUSTRIAL COMPONENT DATA**

# SAC-3P-M12MS/ 3,0-PVC/M12FS 1400402 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/ 3,0-PVC/M12FS



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | SAC-3P-M12MS/ 3,0-PVC/M12FS |
| Catalog number  | 1400402                     |
| Category        | Sensor-actuator patch cord  |
| Minimum order   | 50 Pcs                      |
| Document ID     | EO-BBAEDC314A               |
| Generated       | 2026-08-06                  |

### Product Overview

Sensor/actuator cable

Sensor/actuator cable, 3-pole, PVC, black RAL 9005, M12 straight male connector, encoding: A, to M12 straight connection female, coding: A, cable length: 3 m

Sensor/Actuator Cable, 3-pin, PVC, black RAL 9005, Straight M12 Connector, Code: A, on Female Straight M12, Code: A, Cable Length: 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 1400402

Packing unit 1 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356494977

Weight per Piece (excluding packing) 95.400 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 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 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 (M12 connector)

**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 PVC black

Cable type (abbreviation) PVC

Cable abbreviation LiYY

UL AWM style 2464 / 1729 (80°C/300 V)

Conductor cross section  $3 \times 0.34 \text{ mm}^2$  (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, blue, black

Overall twist 3 wires, twisted

External sheath, color black RAL 9005

Outer sheath thickness  $\geq 0.76 \text{ mm}$

External cable diameter D 4.3 m...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/ 3,0-PVC/M12FS 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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