

**INDUSTRIAL COMPONENT DATA**

# SAC-3P-MS/ 3,0-547/FS SCO BK 1424970 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-3P-M12MS/ 3,0-547/M12FS BK



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-3P-M12MS/ 3,0-547/M12FS BK |
| Catalog number  | 1424970                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 1 Pcs                          |
| Document ID     | EO-37856A6F1D                  |
| Generated       | 2026-08-03                     |

### Product Overview

Sensor/actuator cable

Sensor/Actuator Cable, 3-pole, PVC, yellow, M12 straight male connector, encoding: A, to M12 straight connection female, coding: A, cable length: 3 m

Sensor/actuator cable, 3-position, PVC, yellow, Plug straight M12, coding: A, on Socket straight M12, coding: 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

Technical dataProduct propertiesProduct type Sensor/actuator cable

Application Standard, U.S. cables

Number of positions 3

No. of cable outlets 1

Shielded no

Coding A

Insulation characteristics

Overvoltage category II

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 HB

Seal material NBR

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

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material TPU GF

Material for screw connection Zinc die-cast, nickel-plated

Outer sheath, material PVC

Electrical properties Insulation resistance  $\geq 10 \text{ M}\Omega$

Nominal voltage UN 250 V AC

250 V DC

Nominal current IN 4 A

Signaling Status display no

Status display present No

Connection data Conductor connection

Tightening torque 0.4 Nm (M12 connector)

Connector Connection 1

Type Plug straight M12

Number of positions 3

Coding type A

Connection 2

Type Socket straight M12

Number of positions 3

Coding type A

Cable/line Cable length 3 m

PVC AWG 18 yellow 105°C [547]

Dimensional drawing

UL AWM Style 2517 (105 °C / 300 V)

Number of positions 3

Shielded no

Cable type PVC AWG 18 yellow 105°C [547]

Conductor structure signal line 41x 0.16 mm

AWG signal line 18

Wire diameter incl. insulation 1.7 mm  $\pm 0.03 \text{ mm}$

External cable diameter 5.70 mm  $\pm 0.2 \text{ mm}$

Outer sheath, material PVC

External sheath, color yellow

Conductor material Tin-plated Cu litz wires

Material wire insulation PVC

Single wire, color brown, blue, black

Overall twist 3 wires, twisted

Nominal...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-3P-M12MS/ 3,0-547/M12FS BK 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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