

## INDUSTRIAL COMPONENT DATA

# SAC-4P-M12MR/3,0-PVC/M12FR 1415645 PHOENIX CONTACT

## Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MR/3,0-PVC/M12FR



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-4P-M12MR/3,0-PVC/M12FR |
| Catalog number  | 1415645                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-91EF85FB79              |
| Generated       | 2026-08-04                 |

### Product Overview

Sensor/actuator cable

Sensor/actuator cable, 4-pole, PVC, black RAL 9005, Angled male connector M12, coding: A, to Angled connection female M12, coding: A, cable length: 3 m

Sensor/actuator cable, 4-position, PVC, black RAL 9005, Plug angled M12, coding: A, on Socket angled 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

Number of positions 4

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

Electrical propertiesInsulation resistance  $\geq 10\text{ M}\Omega$

Nominal voltage UN 250 V AC

250 V DC

Nominal current IN 4 A

Mechanical propertiesMechanical data

Insertion/withdrawal cycles  $\geq 100$

SignalingStatus display no

Status display present No

Connection dataConductor connection

Tightening torque 0.4 Nm

ConnectorConnection 1

Type Plug angled M12

Number of positions 4

Coding type A

Connection 2

Type Socket angled M12

Number of positions 4

Coding type A

Cable/lineCable length 3 m

PVC black [PVC]

Dimensional drawing

Cable weight 40 kg/km

UL AWM Style 2464 / 1729 (80°C/300 V)

Number of positions 4

Shielded no

Cable type PVC black [PVC]

Conductor structure signal line 19x 0.15 mm

AWG signal line 22

Conductor cross section 4x 0.34 mm<sup>2</sup> (Signal line)

Wire diameter incl. insulation 1.26 mm  $\pm 0.05\text{ mm}$

External cable diameter 4.70 mm  $\pm 0.15\text{ mm}$

Outer sheath, material PVC

External sheath, color black RAL 9005

Conductor material Bare Cu litz wires

Material wire insulation PVC

Single wire, c...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MR/3,0-PVC/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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