

## INDUSTRIAL COMPONENT DATA

# SAC-4P-M12MS/ 1,0-PUR/M12FR-3L 1576193 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-4P-M12MS/ 1,0-PUR/M12FR-3L



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-4P-M12MS/ 1,0-PUR/M12FR-3L |
| Catalog number  | 1576193                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 25 Pcs                         |
| Document ID     | EO-748DADBF22                  |
| Generated       | 2026-08-05                     |

## Product Overview

Sensor/actuator cable

## 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 &gt; Industrial Field Connectivity (IFC)

## Additional Product Information

## Key Commercial Data

Orderkey 1576193

Packing unit 1 pc

Minimum order quantity 25 pc

Note Made to Order (non-returnable)

GTIN 4046356438933

Weight per Piece (excluding packing) 45.400 g

Custom tariff number 85444290

Country of origin PL (Poland)

## Dimensions

Length of cable 1 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 4

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 halogen-free black

Cable type (abbreviation) PUR

Cable abbreviation Li9Y11Y-HF

UL AWM style 20549 / 10493 (80°C/300 V)

Conductor cross section  $4 \times 0.34 \text{ mm}^2$

AWG signal line 22

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

Core diameter including insulation  $1.27 \text{ mm} \pm 0.02 \text{ mm}$

Thickness, insulation  $\geq 0.21 \text{ mm}$

Wire colors brown, white, blue, black

Overall twist 4 wires, twisted

External sheath, color black-gray RAL 7021

Outer sheath thickness approx. 0.5 mm

External cable diameter  $D 4.2 \text{ mm} \pm 0.15 \text{ mm}$

Minimum bending radius, fixed installation  $5 \times D$

Minimum bending radius, flexibl...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-4P-M12MS/ 1,0-PUR/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

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