

**INDUSTRIAL COMPONENT DATA**

# SAC-2P-M8Y/2X 0,2-PVC/BI-1L180 1012549 PHOENIX CONTACT Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2P-M8Y/2X 0,2-PVC/BI-1L180



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SAC-2P-M8Y/2X 0,2-PVC/BI-1L180 |
| Catalog number  | 1012549                        |
| Category        | Sensor-actuator patch cord     |
| Minimum order   | 100 Pcs                        |
| Document ID     | EO-EE4E484661                  |
| Generated       | 2026-08-06                     |

## 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 1012549

Packing unit 1

GTIN 4055626491233

Custom tariff number 85444290

Dimensions

Length of cable 0.2 m

General

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 3

Insulation resistance &gt;= 100 M?

Coding A - standard

Standards/regulations M8 connector IEC 61076-2-104

Status display 1 LED  
Overvoltage category III  
Degree of pollution 3  
Material  
Flammability rating according to UL 94 V0  
Contact material CuSn  
Contact surface material Ni/Au  
Contact carrier material TPU GF  
Valve plug contact material CuSn  
Valve plug contact surface material Sn  
Valve plug contact insert material PA 6.6  
Material housing valve plug TPU  
Material, knurls Zinc die-cast, nickel-plated  
Sealing material NBR (Seal molded)  
Standards and Regulations  
Standard designation M8 connector  
Standards/regulations IEC 61076-2-104  
Flammability rating according to UL 94 V0  
Cable  
Cable type PVC black  
Cable type (abbreviation) PVC  
Cable abbreviation LiYY  
UL AWM style 2464  
Conductor cross section 2x 0.5 mm<sup>2</sup>  
AWG signal line 20  
Conductor structure signal line 16x 0.20 mm  
Core diameter including insulation 1.5 mm ±0.05 mm  
Wire colors brown, blue  
External sheath, color black RAL 9005  
External cable diameter D 4.8 mm ±0.2 mm  
Minimum bending radius, fixed installation 5 x D  
Cable weight 34.9 kg/km  
Outer sheath, material PVC  
Material conductor insulation PVC  
Conductor material Bare Cu litz wires  
Insulation resistance ≥ 20 MΩ\*km  
Conductor resistance 39 Ω/km (at 20 °C)  
Nominal vo...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-M8Y/2X 0,2-PVC/BI-1L180 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

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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