

**INDUSTRIAL COMPONENT DATA**

# SAC-2P-M12MSB/ 4,0-910/M12FSB 1529221 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2P-M12MSB/ 4,0-910/M12FSB



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | SAC-2P-M12MSB/ 4,0-910/M12FSB |
| Catalog number  | 1529221                       |
| Category        | Sensor-actuator patch cord    |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-C4C7E7F74E                 |
| Generated       | 2026-08-03                    |

## Product Overview

Bus system cable

Bus System Cable, PROFIBUS, 2-pole halogen-free, shielded, M12 straight connector, encoding: B, a M12 straight female, encoding: B, cable length: 4 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 1529221

Packing unit 1 pc

GTIN 4017918989392

Weight per Piece (excluding packing) 275.600 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 4 m

Ambient conditions

Degree of protection IP65

IP67

IP68

**General**

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 2

Insulation resistance  $\geq 100 \text{ M}\Omega$ 

Coding B - inverse

Signal type/category PROFIBUS

Status display No

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles  $\geq 100$ **Material**

Flammability rating according to UL 94 V0

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material PA 6.6

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 V0

**Cable**

Cable type PROFIBUS

Cable type (abbreviation) 910

UL AWM style 21198 (80°C/300 V)

Cable structure 1x2xAWG24/19

Conductor cross section 2x 0.25 mm<sup>2</sup> (Signal line)

AWG signal line 24

Conductor structure signal line 19x 0.13 mm

Core diameter including insulation 2.55 mm  $\pm 0.07 \text{ mm}$ 

Wire colors Red, green

Overall twist 2 cores with 2 fillers to the core

Shielding Plastic-coated aluminum foil, tinned copper braided shield

Optical shield covering 85 %

External sheath, color violet RAL 4001

External cable diameter D 7.8 mm  $\pm 0.2 \text{ mm}$ 

Smallest bending radius, fixed installation 40 mm

Smallest bending radius, movable installation 65....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-M12MSB/ 4,0-910/M12FSB 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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