

**INDUSTRIAL COMPONENT DATA**

# SAC-2P-M12MSB/10,0-915 1525500 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2P-M12MSB/10,0-915



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SAC-2P-M12MSB/10,0-915     |
| Catalog number  | 1525500                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-B1E05AD4EB              |
| Generated       | 2026-08-03                 |

## Product Overview

Bus system cable

Bus system cable, PROFIBUS, 2-pole, shielded, Straight M12 connector, encoding: B, to free cable end, cable length: 10 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 1525500

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4017918950163

Weight per Piece (excluding packing) 789.300 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 10 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

Degree of protection IP65

IP67

**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  $\geq 100$ 

Torque 0.4 Nm (M12 connector)

**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

**Pin assignment**

Contact | Color (signal designation) | Contact (optional) 2 (Plug) | GN (A cable)

4 (Plug) | RD (B cable)

**Standards and Regulations**

Flammability rating according to UL 94 V0

**Cable**

Cable type PROFIBUS

Cable type (abbreviation) 915

Cable structure 1x2xAWG24/19

Conductor cross section  $2 \times 0.25 \text{ mm}^2$ 

AWG signal line 24

Conductor structure signal line 19x 0.14 mm

Core diameter including insulation 2.56 mm

Wire colors Red, green

Overall twist 2 wires, twisted

Shielding Aluminum-coated foil, tinned copper braided shield

Optical shield covering 70 %

External sheath, color blue

Outer...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-M12MSB/10,0-915 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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