INDUSTRIAL COMPONENT DATA

# SAC-2P-M12MSB/ 2,0-910 1507243 PHOENIX CONTACT Bus system cable

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



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SAC-2P-M12MSB/ 2,0-910 |
| Catalog number | 1507243 |
| Category | Sensor-actuator patch cord |
| Minimum order | 1 Pcs |
| Document ID | EO-705FFBF950 |
| Generated | 2026-11-19 |

## Product Overview

Bus system cable
Bus system cable, PROFIBUS (12 MBit/s), 2-pole halogen-free, shielded, M12 straight connector, encoding: B, to free cable end, cable length: 2 m

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Field Connectivity (IFC) |

## Additional Product Information

Key Commercial Data
Orderkey 1507243
Packing unit 1 pc
Catalog page Page 429 (C-2-2017)
GTIN 4017918900083
Weight per Piece (excluding packing) 142.900 g
Custom tariff number 85444290
Country of origin PL (Poland)
Dimensions
Length of cable 2 m
Stripping length of the free conductor end 50 mm
Ambient conditions
Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

Degree of protection IP65
IP67
General
Note Further products with variable cable lengths can be found in the accessories section
Rated current at 40°C 4 A
Rated voltage 48 V AC
60 V DC
Number of positions 2
Insulation resistance >= 100 M?
Coding B - inverse
Signal type/category PROFIBUS, 12 Mbps (max. 100 m)
Status display No
Overvoltage category II
Degree of pollution 3
Insertion/withdrawal cycles >= 100
Torque 0.4 Nm (M12 connector)
Material
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)
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 mm² (Signal line)
AWG signal line 24
Conductor structure signal line 19x 0.13 mm
Core diameter including insulation 2.55 mm ±0.07 mm
Wire colors Red, green
Overall twist 2 cores with 2 fillers to the core
Shi...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-M12MSB/ 2,0-910 with the required quantity to info@electricaonline.com or use 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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