

INDUSTRIAL COMPONENT DATA

SAC-2P-MSB/ 2,0-910 SCO 1518025 PHOENIX CONTACT Bus system cable

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-2P-MSB/ 2,0-910 SCO
Catalog number	1518025
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-01E40EBD98
Generated	2026-07-31

Product Overview

Bus system cable

Bus system cable, PROFIBUS (12 MBit/s), 2-pole halogen-free, shielded, Straight M12 connector, coding: B SPEEDCON, a 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

Catalog path PHOENIX CONTACT > Industrial Field Connectivity (IFC)

Additional Product Information

Key Commercial Data

Orderkey 1518025

Packing unit 1 pc

Catalog page Page 429 (C-2-2017)

GTIN 4017918968144

Weight per Piece (excluding packing) 142.600 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

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, 12 Mbps (max. 100 m)

Status display No

Overvoltage category II

Degree of pollution 3

Torque 0.4 Nm (M12 connector)

Material

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

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 $\pm 0.07 \text{ mm}$

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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-MSB/ 2,0-910 SCO 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.