

INDUSTRIAL COMPONENT DATA

SAC-2P-M12MSB/ 3,0-910/M12FSB 1525445 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2P-M12MSB/ 3,0-910/M12FSB



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-2P-M12MSB/ 3,0-910/M12FSB
Catalog number	1525445
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-D8F6EFC4C4
Generated	2026-08-04

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: 3 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 1525445

Packing unit 1 pc

GTIN 4017918950040

Weight per Piece (excluding packing) 215.500 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 3 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 ≥ 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 $2 \times 0.25 \text{ mm}^2$ (Signal line)

AWG signal line 24

Conductor structure signal line $19 \times 0.13 \text{ mm}$ Core diameter including insulation $2.55 \text{ mm} \pm 0.07 \text{ mm}$

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 $D 7.8 \text{ mm} \pm 0.2 \text{ mm}$

Smallest bending radius, fixed installation 40 mm

Smallest bending radius, movable installation 65....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-M12MSB/ 3,0-910/M12FSB 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.