

INDUSTRIAL COMPONENT DATA

SAC-2P-M12MSB/ 6,0-915/M12FSB 1421859 PHOENIX CONTACT Bus system cable SAC-2P-M12MSB/ 6,0-915/M12FSB 1421859

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2P-M12MSB/ 6,0-915/M12FSB



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-2P-M12MSB/ 6,0-915/M12FSB
Catalog number	1421859
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-217A9A4850
Generated	2026-08-05

Product Overview

Bus system cable - SAC-2P-M12MSB/ 6,0-915/M12FSB - 1421859

Bus system cable, PROFIBUS, 2-pole, shielded, M12 straight connector, encoding: B, a M12 straight female, encoding: B, cable length: 6 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

Bus system cable, PROFIBUS, 2-position, PUR/PVC, blue, shielded, Plug straight M12, B-coded, on Socket straight M12, B-coded, cable length: 6 m

Key Commercial Data

Orderkey 1421859

Packing unit 1

GTIN 4055626285726

Custom tariff number 85444290

Dimensions

Length of cable 6 m

Ambient conditions

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

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) 915

Cable structure 1x2xAWG24/19

Conductor cross section 2x 0.25 mm²

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 sheath thickness approx. 0.8 mm

External cable diameter D 8 mm ± 0.4 mm

Minimum bending radius, flexible installation 5 x D

Number of...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-M12MSB/ 6,0-915/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.