

INDUSTRIAL COMPONENT DATA

SAC-2P-M12MSB/ 0,5-910/M12FSB 1507353 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2P-M12MSB/ 0,5-910/M12FSB



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-2P-M12MSB/ 0,5-910/M12FSB
Catalog number	1507353
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
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Product Overview

Bus system cable

Bus system cable, PROFIBUS (12 MBit/s), 2-pole halogen-free, shielded, M12 straight connector, encoding: B, a M12 straight female, encoding: B, cable length: 0.5 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 1507353

Packing unit 1 pc

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GTIN 4017918900175

Weight per Piece (excluding packing) 65.000 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 0.5 m

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 $\geq 100 \text{ M}\Omega$

Coding B - inverse

Signal type/category PROFIBUS, 12 Mbps (max. 100 m)

Status display No

Overvoltage category II

Degree of pollution 3

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 (plug), TPU GF (socket)

Material of grip body TPU, hardly inflammable, self-extinguishing

Material, knurls Zinc die-cast, nickel-plated

Sealing material NBR

Pin assignment

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

4 (Plug) | RD (B cable) | 4 (Socket)

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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-M12MSB/ 0,5-910/M12FSB with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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