

INDUSTRIAL COMPONENT DATA

SAC-5P-M12MR/ 2,0-920/M12FR 1543935 PHOENIX CONTACT

Sensor/actuator cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-M12MR/ 2,0-920/M12FR



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-M12MR/ 2,0-920/M12FR
Catalog number	1543935
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-3E501BEF25
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Product Overview

Sensor/actuator cable

Sensor/actuator cable, 5-pole, M12 angled connector, encoding: A, to M12 angled female, coding: A, 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 1543935

Packing unit 1 pc

GTIN 4046356103060

Weight per Piece (excluding packing) 146.200 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 2 m

General

Rated voltage 48 V AC

60 V DC

Number of positions 5

Insertion/withdrawal cycles >= 100

Cable

Cable type CAN Bus/DeviceNet

Cable type (abbreviation) 920

UL AWM style 21198 (80°C/300 V)

Cable structure 2xAWG24/19+2xAWG22/19

Conductor cross section 2x 0.25 mm² (Data cable)

2x 0.34 mm² (Power supply)

1x 0.34 mm² (Drain wire)

AWG signal line 24

AWG power supply 22

Conductor structure signal line 19x 0.13 mm

Conductor structure, voltage supply 19x 0.15 mm

Core diameter including insulation 1.95 mm ±0.05 mm (Data cable)

1.4 mm ±0.05 mm (Power supply)

Wire colors Red-black, blue-white

Twisted pairs 2 cores to the pair

Type of pair shielding Plastic-coated aluminum foil, aluminum side outside

Overall twist 2 pairs around a drain wire in the center to the core

Shielding Tinned copper braided shield

Optical shield covering 80 %

External sheath, color violet RAL 4001

External cable diameter D 6.7 mm ±0,3 mm

Minimum bending radius, fixed installation 5 x D

Minimum bending radius, flexible installation 10 x D

Number of bending cycles 5000000

Bending radius 70 mm

Minimum bending radius, drag chain applications 10 x D

Traversing path 4.5 m

Traversing rate 3 m/s

Acceleration 3 m/s²

Cable weight 90 kg/km

Outer sheath, material PUR

Material conductor insulation Foamed PE (Data c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-M12MR/ 2,0-920/M12FR 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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