

INDUSTRIAL COMPONENT DATA

SAC-5P-MR/ 6,0-920/FR SCO 1085943 PHOENIX CONTACT

Bus system cable, CANopen

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-MR/ 6,0-920/FR SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-MR/ 6,0-920/FR SCO
Catalog number	1085943
Category	Patch cord copper (twisted pair)
Minimum order	250 Pcs
Document ID	EO-D778EB1B6A
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Product Overview

Bus system cable, CANopen

Bus System Cable, CANopen®, DeviceNet™, 5-pole halogen-free, shielded, Angled connector M12, coding: A SPEEDCON, to Female angled M12, coding: A SPEEDCON, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1085943

Packing unit 1

GTIN 4055626876894

Custom tariff number 85444290

Drawings

Ambient conditions

Material

Cable

Classifications

Dimensions

General

Standards and Regulations

Environmental Product Compliance

Drawings

Dimensional drawing

M12 x 1 male plug, angled, shielded

Dimensional drawing

M12 x 1 socket, angled, shielded

Circuit diagram

Contact assignment of the M12 plug and the M12 socket

Schematic diagram

Pin assignment M12 male connector, 5-pos., A-coded, male side

Schematic diagram

Pin assignment M12 socket, 5-pos., A-coded, socket side view

Cable cross section

CAN Bus/DeviceNet [920]

[Back to top](#)Dimensions

Length of cable 6 m

[Back to top](#)Ambient conditions

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

Degree of protection IP65

IP67

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Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 5

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

Coding A - standard

Signal type/category CANopen®

DeviceNet™

Status display No

Overvoltage category II

Degree of pollution 3

[Back to top](#)Material

Flammability rating according to UL 94 HB

[Back to top](#)Standards and Regulations

Flammability rating according to UL 94 HB

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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 si...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-MR/ 6,0-920/FR 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

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