

INDUSTRIAL COMPONENT DATA

SAC-5P-100,0-92X 1422415 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-5P-100,0-92X



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-5P-100,0-92X
Catalog number	1422415
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-B89BCCF340
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Product Overview

Bus system cable

By meters, Bus system cable, CANopen®, DeviceNet™, shielded, halogen-free FRNC, black, 4-conductors (2xAWG24/19+2xAWG22/19), color single conductors: red-black, blue-white, cable length: 100 m, for outdoor applications

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 1422415

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4055626302645

Weight per Piece (excluding packing) 6,407.000 g

Custom tariff number 85444995

Country of origin DE (Germany)

Dimensions

Length of cable 100 m

General

Number of positions 4

Signal type/category CANopen®

DeviceNet™

Cable

Cable type CAN bus/DeviceNet™, black

Cable type (abbreviation) 92X

Cable abbreviation LI2XCHX02XS

UL AWM style 21281 (80°C/300 V)

Cable structure 2xAWG24/19+2xAWG22/19

Conductor cross section 2x 0.25 mm² (Signal)

2x 0.34 mm² (Power)

1x 0.38 mm² (Drain wire)

AWG signal line 24

AWG power supply 22

Conductor structure signal line 19x 0.13 mm

Conductor structure, voltage supply 19x 0.16 mm

Core diameter including insulation 1.9 mm (Signal)

1.4 mm (Power)

Thickness, insulation 0.6 mm (Signal)

0.3 mm (Power)

Wire colors Red-black, blue-white

Twisted pairs 2 cores to the pair

Type of pair shielding Aluminum-lined foil

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

Shielding Tinned copper braided shield

Optical shield covering 70 %

External sheath, color black

Outer sheath thickness 1.15 mm

External cable diameter D 6.9 mm ±0,3 mm

Minimum bending radius, fixed installation 5 x D

Minimum bending radius, flexible installation 10 x D

Cable weight 70 kg/km

Outer sheath, material FRNC

Material conductor insulation PE

Conductor material Tin-plated Cu litz wires

Insulation resistance $\geq 200 \text{ M}\Omega\cdot\text{km}$ (at 20 °C)

Conductor resistance 90 Ω/km (Signal)

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-5P-100,0-92X 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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