

INDUSTRIAL COMPONENT DATA

VS-OE-OE-93B-100,0 1416389 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-OE-OE-93B-100,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-OE-OE-93B-100,0
Catalog number	1416389
Category	Data and communication cable
Minimum order	1 Pcs
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Product Overview

Network cable

Network cable, PROFINET CAT5 (100 MBit/s), 4-pole, shielded, free cable end, to free cable end, cable length: 100 m
Data cable, PROFINET CAT5 (100 MBit/s), 4-pole, PVC/PVC, green RAL 6018, screened, free cable end, to free cable end, cable length: 100 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 1416389

Packing unit 1 pc

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GTIN 4046356474023

Weight per Piece (excluding packing) 6,628.000 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 100 m

General data

Number of positions 4

Signal type/category PROFINET CAT5 (IEC 11801:2002), 100 Mbps

Cable

Cable type PROFINET PVC stranded CAT5

Cable type (abbreviation) 93B

UL AWM style 21694

Signal type/category PROFINET CAT5 (IEC 11801), 100 Mbps

EtherCAT®CAT5 (IEC 11801), 100 Mbps

Cable structure 1x4xAWG22/7; SF/TQ

Conductor cross section 4x 0.34 mm²

AWG signal line 22

Conductor structure signal line 7x 0.25 mm

Core diameter including insulation 1.55 mm

Wire colors White, yellow, blue, orange

Overall twist Star quad

Shielding Aluminum-coated foil, tinned copper braided shield

Optical shield covering 85 %

External sheath, color green RAL 6018

Outer sheath thickness approx. 0.9 mm

External cable diameter D 6.5 mm ±0.2 mm

Minimum bending radius, fixed installation 3 x D

Minimum bending radius, flexible installation 7 x D

Cable weight 67 kg/km

Outer sheath, material PVC

Material, inner sheath PVC

Material conductor insulation PE

Conductor material Tin-plated Cu litz wires

Insulation resistance ≥ 500 MΩ·km

Loop resistance ≤ 120.00 Ω/km

Wave impedance 100 Ω ±15 Ω (at 100 MHz)

Near end crosstalk attenuation (NEXT) 80 dB (with 1 MHz)

76 dB (at 4 ΩHz)

70 dB (at 10 MHz)

65 dB (at 16 MHz)

63 dB (at 20 ΩHz)

60 dB (at 31.25 ΩHz)

55 dB (at 62...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-OE-OE-93B-100,0 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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