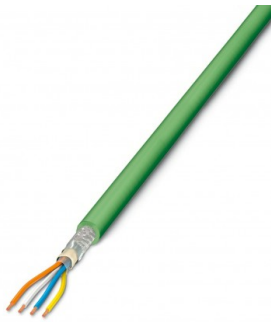


INDUSTRIAL COMPONENT DATA

VS-OE-OE-93A-100,0 1416392 PHOENIX CONTACT Network cable

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-OE-OE-93A-100,0
Catalog number	1416392
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-04D9EF7C0E
Generated	2026-07-31

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 Mbps), 4-position, PVC, green-yellow RAL 6018, shielded, free cable end, on 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

Technical dataNotesGeneral This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 9.1.1 Balanced Cables (Type A,B,C)

Product propertiesProduct type Data cable by the meter

Application Standard

Sensor type PROFINET

Number of positions 4

Shielded yes

Electrical propertiesTransmission medium Copper

Transmission characteristics (category) CAT5 (IEC 11801:2002)

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

ConnectorConnection 1

Type free cable end

Connection 2

Type free cable end

Cable/lineCable length 100 m

PROFINET [93A]

Dimensional drawing

UL AWM Style 2464 (80°C/300 V)

Number of positions 4

Shielded yes

Cable type PROFINET [93A]

Conductor structure 1x4xAWG22/1, SF/TQ

Signal runtime 5.3 ns/m

Signal speed 0.68 c

Conductor structure signal line 1x 0.65 mm

AWG signal line 22

Conductor cross section 4x 0.34 mm²

Wire diameter incl. insulation 1.5 mm ±0.05 mm

External cable diameter 6.50 mm ±0.2 mm

Outer sheath, material PVC

External sheath, color green-yellow RAL 6018

Conductor material Tin-plated Cu wire

Material wire insulation PE

Single wire, color white, yellow, blue, orange

Overall twist Star quad

Optical shield covering 90 %

Max. conductor resistance ≤ 57.1 Ω/km

Coupling resistance < 10.00 mΩ/m (at 10 MHz)

Wave impedance 100 Ω ±15 Ω (at 1 ... 100 MHz)

Nominal voltage, cable 300 V

Test voltage Core/Core 2500 V DC

Test voltage Core/Shield 2500.00 V DC

Flame r...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-OE-OE-93A-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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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