INDUSTRIAL COMPONENT DATA

VS-OE-OE-93B/1000,0 1403891 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-OE-OE-93B/1000,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-OE-OE-93B/1000,0
Catalog number	1403891
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-9D3939C8A3
Generated	2026-11-19

Product Overview

Network cable
Network cable, PROFINET CAT5 (100 MBit/s), 4-pole, shielded, free cable end, to free cable end, cable length: 1000 m
Data cable, PROFINET CAT5 (100 Mbps), 4-position, PVC/PVC, green RAL 6018, shielded, free cable end, on free cable end, cable length: 1000 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

Technical dataProduct propertiesProduct type Data cable by the meter
Sensor type PROFINET
Number of positions 4
Shielded yes
Electrical propertiesNominal voltage UN 48 V AC
60 V DC
Transmission medium Copper
InterfacesSignal type/category PROFINET CAT5 (IEC 11801:2002), 100 Mbps
ConnectorConnection 1
Type free cable end
Connection 2
Type free cable end

Cable/lineCable length 1000 m
PROFINET PVC stranded CAT5 [93B]
Dimensional drawing
Cable weight 67 kg/km
UL AWM Style 21694
Number of positions 4
Shielded yes
Cable type PROFINET PVC stranded CAT5 [93B]
Conductor structure 1x4xAWG22/7, SF/TQ
Signal runtime 5.3 ns/m
Signal speed 0.66 c
Conductor structure signal line 7x 0.25 mm
AWG signal line 22
Conductor cross section 4x 0.34 mm²
Wire diameter incl. insulation 1.55 mm
External cable diameter 6.50 mm ±0.2 mm
Outer sheath, material PVC
External sheath, color green RAL 6018
Conductor material Tin-plated Cu litz wires
Material wire insulation PE
Single wire, color white, yellow, blue, orange
Thickness, outer sheath approx. 0.90 mm
Overall twist Star quad
Optical shield covering 85 %
Insulation resistance >= 500 M?*km
Coupling resistance <= 20.00 m?/m (at 10 MHz)
Loop resistance <= 120.00 ?/km
Wave impedance 100 ? ±15 ? (at 100 MHz)
Nominal voltage, cable 600 V
Test voltage Core/Core 2000 V (50 Hz, 1 min.)
Test voltage Core/Shield 2000.00 V (50 Hz, 1 min.)
Minimum bending radius, fixed installation 3 x D
Minimum bending radius, flexible installation 7 x D
Smallest bending radius, fix...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-OE-OE-93B/1000,0 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.