INDUSTRIAL COMPONENT DATA

VS-OE-OE-93C-100,0 1416376 PHOENIX CONTACT Network cable

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-OE-OE-93C-100,0
Catalog number	1416376
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-7471ED3C37
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Product Overview

Network cable
Network cable, PROFINET CAT5 (100 MBit/s), 4-pole halogen-free, shielded, free cable end, to free cable end, cable length: 100 m, for drag chains
Data cable, PROFINET CAT5 (100 Mbps), 4-position, PUR/FRNC halogen-free, green 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)

Additional Product Information

Technical dataProduct propertiesProduct type Data cable by the meter
Application Drag chain
Sensor type PROFINET
Number of positions 4
Shielded yes
Electrical propertiesTransmission 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 100 m
PROFINET drag chain CAT5 [93C]
Dimensional drawing
Cable weight 61 kg/km
Number of positions 4
Shielded yes
Cable type PROFINET drag chain CAT5 [93C]
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 1.5 mm
External cable diameter 6.50 mm ±0.2 mm
Outer sheath, material PUR
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 1 ... 100 MHz)
Nominal voltage, cable 600 V (UL rating)
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 5 x D
Minimum bending radius, flexible installation 7.5 x D
Smallest bending radius, fixed installation 3...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-OE-OE-93C-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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