INDUSTRIAL COMPONENT DATA

VS-OE-OE-936-100,0 1416570 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-OE-OE-936-100,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-OE-OE-936-100,0
Catalog number	1416570
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-BE18562F85
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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 railway 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)

Additional Product Information

Key Commercial Data
Orderkey 1416570
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 240 (PC-2009)
GTIN 4046356479264
Weight per Piece (excluding packing) 7,527.000 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 railway applications
Cable type (abbreviation) 936
Signal type/category PROFINET 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 1.95 mm
Wire colors white-blue, orange-yellow
Overall twist Star quad
Shielding Plastic-coated aluminum foil, tinned copper braided shield
Optical shield covering 100 %
External sheath, color black RAL 9005
Outer sheath thickness >= 0.8 mm
External cable diameter D 7.25 mm ±0,3 mm
Minimum bending radius, fixed installation 6 x D
Minimum bending radius, flexible installation 10 x D
Cable weight 81 g/m
Outer sheath, material PE-X
Material conductor insulation PE-X
Conductor material silver-plated Cu litz wires
Conductor resistance <= 54.4 ?/km
Working capacitance <= 65 pF (core-core)
<= 100 pF (core-shield)
Wave impedance 100 ? ±5 ? (f = 100 MHz)
Near end crosstalk attenuation (NEXT) 80 dB (with 1 MHz)
76 dB (at 4 ?Hz)
67 dB (at 10 MHz)
60 dB (at 31.5 ?Hz)
56 dB (at 62.5 ?Hz)
53 dB (at 100 MHz)
Remote crosstal...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-OE-OE-936-100,0 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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