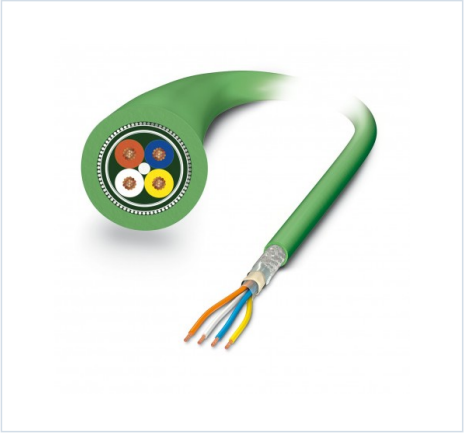
INDUSTRIAL COMPONENT DATA

# VS-OE-OE-93R-100,0 1416363 PHOENIX CONTACT Network cable

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



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | VS-OE-OE-93R-100,0 |
| Catalog number | 1416363 |
| Category | Data and communication cable |
| Minimum order | 1 Pcs |
| Document ID | EO-82D695EBB0 |
| Generated | 2026-11-18 |

## 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 robotics
Data cable, PROFINET CAT5 (100 Mbps), 4-position, PUR 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 Robots and drag chains
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 robot CAT5 [93R]
Dimensional drawing
Cable weight 55 kg/km
UL AWM Style 20233 (80°C/300 V)
Number of positions 4
Shielded yes
Cable type PROFINET robot CAT5 [93R]
Conductor structure 1x4xAWG22/19, S/TQ
Signal runtime 4.8 ns/m
Conductor structure signal line 19x 0.15 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 Foamed PE
Single wire, color white, yellow, blue, orange
Thickness, outer sheath approx. 1.00 mm
Overall twist Star quad
Optical shield covering 85 %
Insulation resistance >= 500 M?*km
Loop resistance <= 120.00 ?/km
Wave impedance 100 ? ±5 ? (at 100 MHz)
Nominal voltage, cable 300 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 5 x D
Smallest bending radius, fixed installation 33 mm
Dynamic load capacity (torsion) Torsion: ±180 °/m, Torsion cycles: 1000000
Shield attenuati...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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