

INDUSTRIAL COMPONENT DATA

VS-PNRJ45-PNRJ45-93B-7,5 1406404 PHOENIX CONTACT

Patch cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-PNRJ45-PNRJ45-93B-7,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-PNRJ45-PNRJ45-93B-7,5
Catalog number	1406404
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
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Product Overview

Patch cable

Patch cable, protection index: IP20, cable length: 7.5 m, number of poles: 4, PROFINET

Patch cable, degree of protection: IP20, cable length: 7.5 m, number of positions: 4, 100 Mbps, PROFINET

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 > Field Device Connectors (FDC)

Additional Product Information

Technical dataProduct propertiesProduct type Data cable preassembled

Application Standard

Sensor type PROFINET

Number of positions 4

Shielded yes

Data management status

Article revision 05

Insulation characteristics

Overvoltage category I

SignalingStatus display no

Electrical propertiesRated voltage (III/3) 72 V (DC)

Transmission medium Copper

Transmission characteristics (category) CAT5

Transmission speed 100 Mbps
Mechanical propertiesMechanical data
Insertion force per signal contact 50.00 N
Extraction force per signal contact 30 N
ConnectorConnection 1
Type Plug straight RJ45
Shielded yes
Degree of protection IP20
Connection 2
Type Plug straight RJ45
Shielded yes
Insertion/withdrawal cycles ≥ 750
Degree of protection IP20
Cable/lineCable length 7.50 m
PROFINET PVC stranded CAT5 [93B]
Dimensional drawing
Note Minimum bending radius $4 \times D$
Shielded yes
Cable type PROFINET PVC stranded CAT5
Cable type (abbreviation) 93B
Signal type/category PROFINET CAT5 (IEC 11801:2002), 100 Mbps
Cable structure 1x4xAWG22/7, SF/TQ
External cable diameter 6.50 mm
Outer sheath, material PVC
External sheath, color green RAL 6018
Conductor material Tin-plated Cu litz wires
Conductor structure signal line 7x 0.25 mm
AWG signal line 22
Conductor cross section $4 \times 0.34 \text{ mm}^2$
Wire diameter incl. insulation approx. 1.5 mm
Single wire, color white, yellow, blue, orange
Wave impedance $100 \pm 15 \%$ (at 1 ... 100 MHz)
Smallest bending radius, fixed installation 30 mm
Smallest bending radius, movable installa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-PNRJ45-PNRJ45-93B-7,5 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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