INDUSTRIAL COMPONENT DATA

# VS-PNRJ45-PNRJ45-93K-4 1404491 PHOENIX CONTACT Bus system cable

**Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-PNRJ45-PNRJ45-93K-4**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | VS-PNRJ45-PNRJ45-93K-4 |
| Catalog number | 1404491 |
| Category | Sensor-actuator patch cord |
| Minimum order | 1 Pcs |
| Document ID | EO-7198E2F96B |
| Generated | 2026-11-18 |

## Product Overview

Bus system cable
Sercos III patch cable, shielded, star quad, flexible AWG 22 (7 wires), RAL 3020 (traffic red), RJ45/IP20 connector, straight, in RJ45/IP20 connector, straight, length: 4 m

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Field Device Connectors (FDC) |

## Additional Product Information

Key Commercial Data
Orderkey 1404491
Packing unit 1 pc
Note Made to Order (non-returnable)
GTIN 4046356698313
Weight per Piece (excluding packing) 297.400 g
Custom tariff number 85444210
Country of origin PL (Poland)
Ambient conditions
Degree of protection IP20
General data
Number of positions 4
Degree of pollution 1

Rated voltage (III/3) 72 V (DC)
Standards and Regulations
Flammability rating according to UL 94 V0
Cable
Cable type Sercos III
Cable type (abbreviation) 93K
UL AWM style 21694 (60°C / 600 V)
Signal type/category Sercos 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 approx. 1.55 mm
Wire colors White, yellow, blue, orange
Type of pair shielding Aluminum-lined polyester foil
Overall twist Star quad
Shielding Tinned copper braided shield
External sheath, color signal red RAL 3020
Outer sheath thickness approx. 0.9 mm
External cable diameter D 6.5 mm ±0.2 mm
Minimum bending radius, fixed installation 3 x D
Minimum bending radius, flexible installation 7 x D
Cable weight 68 kg/km
Outer sheath, material PVC
Material, inner sheath PVC
Material conductor insulation PE
Conductor material Tin-plated Cu litz wires
Insulation resistance >= 0.5 G?*km
Conductor resistance <= 120 ?/km
Wave impedance 100 ? ±15 ? (at 100 MHz)
Signal runtime 5.3 ns/m
Coupling resistance <= 20.00 m?/m (at 10 Hz)
Nominal voltage, cable 600 V
Test voltage C...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-PNRJ45-PNRJ45-93K-4 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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