

INDUSTRIAL COMPONENT DATA

VS-PNRJ45R-OE-93K/5,0 1408222 PHOENIX CONTACT Bus system cable VS-PNRJ45R-OE-93K/5,0 1408222

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-PNRJ45R-OE-93K/5,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-PNRJ45R-OE-93K/5,0
Catalog number	1408222
Category	Sensor-actuator patch cord
Minimum order	10 Pcs
Document ID	EO-41271D9315
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Product Overview

Bus system cable - VS-PNRJ45R-OE-93K/5,0 - 1408222

Sercos III patch cable, shielded, star quad, flexible AWG 22 (7 wires), RAL 3020 (traffic red), RJ45/IP20 male connector, angled, to open cable end, angled, length: 5 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 > Field Device Connectors (FDC)

Additional Product Information

Sercos III patch cable, shielded, star quad, 22 AWG stranded (7-wire), RAL 3020 (traffic red), RJ45 plug/IP20, angled, to open cable end, angled, length: 5 m

Key Commercial Data

Orderkey 1408222

Packing unit 1

GTIN 4046356797245

Custom tariff number 85444210

Mechanical characteristics

Number of positions 4

Degree of protection IP20

Ambient conditions

Ambient temperature (operation) -20 °C ... 70 °C (cable, flexible installation)

Degree of protection IP20

Material data

Flammability rating according to UL 94 V0

Electrical characteristics

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

Line characteristics

Cable type Sercos III

UL AWM style 21694 (60°C / 600 V)

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

External cable diameter 6.5 mm ±0.2 mm

Wire colors White, yellow, blue, orange

External sheath, color signal red RAL 3020

Transmission medium Copper

Insulation resistance $\geq 0.5 \text{ G}\cdot\text{km}$ Conductor resistance $\leq 120 \text{ }\Omega/\text{km}$ Wave impedance $100 \text{ }\Omega \pm 15 \text{ }\Omega$ (at 100 MHz)

Signal runtime 5.3 ns/m

Coupling resistance $\leq 20.00 \text{ m}\Omega/\text{m}$ (at 10 Hz)

Nominal voltage, cable 600 V

Test voltage Core/Core 2000 V (50 Hz, 1 min.)

Test voltage Core/Shield 2000 V (50 Hz, 1 min.)

Type of pair shielding Aluminum-lined polyester foil

Overall twist Star quad

Shielding Tinned copper braid...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-PNRJ45R-OE-93K/5,0 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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