

INDUSTRIAL COMPONENT DATA

VS-PPC/PL-IP20-93K-LI/5,0 1419179 PHOENIX CONTACT

Patch cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-PPC/PL-IP20-93K-LI/5,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-PPC/PL-IP20-93K-LI/5,0
Catalog number	1419179
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-C82261357A
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Product Overview

Patch cable

Sercos III cable, shielded, star quad, flexible AWG 22 (7 wire), RAL 3020 (red), RJ45/IP67 push-pull plug, plastic to RJ45/IP20 plug, length: 5 m

Sercos III cable, shielded, quadruple star, AWG 22 flexible (7 wires), RAL 3020 (traffic red), RJ45/IP67 connector, Push-Pull, plastic on RJ45/IP20 connector, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1419179

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356541244

Weight per Piece (excluding packing) 222.220 g

Custom tariff number 85444210

Country of origin PL (Poland)

Ambient conditions

Ambient temperature (operation) -40 °C ... 70 °C (cable, fixed installation)

-40 °C ... 70 °C (cable, flexible installation)

General data

Number of positions 4

Characteristics head 1

Material (component) Plastic

Characteristics head 2

Material (component) Plastic

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 $\geq 0.5 \text{ G} \cdot \text{km}$

Conductor resistance $\leq 120 \text{ } \Omega / \text{km}$

Wave impedance $100 \text{ } \Omega \pm 15 \text{ } \Omega$ (at 100 MHz...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-PPC/PL-IP20-93K-LI/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 Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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