

INDUSTRIAL COMPONENT DATA

VS-FSDBPS-IP20-93G-LI/2,0 1419146 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-FSDBPS-IP20-93G-LI/2,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-FSDBPS-IP20-93G-LI/2,0
Catalog number	1419146
Category	Circular connector, mounting (with cable)
Minimum order	1 Pcs
Document ID	EO-FE5B1980CF
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Product Overview

Bus system cable

Ready-made, shielded, star quad cable®, flexible AWG 22 (7 wire), RAL 6018 (yellow-green), M12 built-in mounting female connector, SPEEDCON, 4 pin to RJ45/IP20 male connector, length: 2.0 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

Key Commercial Data

Orderkey 1419146

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356540704

Weight per Piece (excluding packing) 173.600 g

Custom tariff number 85444210

Country of origin DE (Germany)

Dimensions

Length of cable 2 m

Ambient conditions

Degree of protection IP20 (RJ45 connector)

IP67 (M12 connector)

General

Number of positions 4

Signal type/category EtherCAT®, 100 Mbps

Insertion/withdrawal cycles ≥ 100

Material

Flammability rating according to UL 94 V0

Standards and Regulations

Flammability rating according to UL 94 V0

Cable

Cable type PROFINET PVC stranded CAT5

Cable type (abbreviation) 93B

Cable abbreviation 2YY(ST)CY

UL AWM style 21694

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 1.55 mm

Wire colors White, yellow, blue, orange

Overall twist Star quad

Shielding Aluminum-coated foil, tinned copper braided shield

Optical shield covering 85 %

External sheath, color green RAL 6018

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 67 kg/km

Outer sheath, material PVC

Material, inner sheath PVC

Material conductor insulation PE

Conductor material Tin-plated Cu litz wires

Insulation resistance ≥ 500 M Ω *km

Loop resistance ≤ 120.00 Ω /km

Wave impedance 100 $\Omega \pm 1\%$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-FSDBPS-IP20-93G-LI/2,0 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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