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-1E32FE046E
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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)
Catalog page Page 385 (C-4-2015)
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?*km
Loop resistance <= 120.00 ?/km
Wave impedance 100 ? ±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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