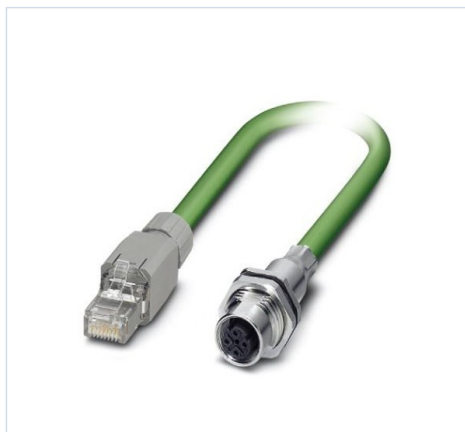


INDUSTRIAL COMPONENT DATA

VS-IP20-M12FSBP-93B-LI/2,0 1416158 PHOENIX CONTACT

Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-IP20-M12FSBP-93B-LI/2,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-IP20-M12FSBP-93B-LI/2,0
Catalog number	1416158
Category	Circular connector, mounting (with cable)
Minimum order	1 Pcs
Document ID	EO-39AE729E3B
Generated	2026-08-03

Product Overview

Network cable

Ready-made PROFINET cable, CAT 5e, shielded, star quad, flexible AWG 22 (7 wires), RAL 6018 (yellow-green), RJ45/IP20 male connector to M12 built-in mount female, rear wall mounting/screwed mounting with M16 thread, Line, length: 2 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 1416158

Packing unit 1 pc

Catalog page Page 236 (PC-2009)

GTIN 4046356474238

Weight per Piece (excluding packing) 174.000 g

Custom tariff number 85444210

Country of origin PL (Poland)

Ambient conditions

Degree of protection IP20

IP67

Ambient temperature (operation) -25 °C ... 60 °C (cable, fixed installation)

-5 °C ... 50 °C (cable, flexible installation)

General data

Number of positions 4

Degree of pollution 3

Alternative short product description PROFINET cable

Standards and Regulations

Flammability rating according to UL 94 V0

Cable

Cable type PROFINET PVC stranded CAT5

Cable type (abbreviation) 93B

UL AWM style 21694

Signal type/category PROFINET CAT5 (IEC 11801), 100 Mbps

EtherCAT®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 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 MΩ*km

Loop resistan...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-IP20-M12FSBP-93B-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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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