

INDUSTRIAL COMPONENT DATA

VS-M12FSBP-IP20-94B-LI/5,0 1412082 PHOENIX CONTACT

Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-M12FSBP-IP20-94B-LI/5,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-M12FSBP-IP20-94B-LI/5,0
Catalog number	1412082
Category	Circular connector, mounting (with cable)
Minimum order	1 Pcs
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Product Overview

Network cable

Confec., shielded, 4-pair, flexible AWG 26 (7-wire), RAL 5021 (aqua blue), M12 built-in mount female, rear/screwed wall mount with M16 thread in connect. RJ45/IP20 male, Line, long. 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

Key Commercial Data

Orderkey 1412082

Packing unit 1 pc

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GTIN 4046356475471

Weight per Piece (excluding packing) 255.000 g

Custom tariff number 85444210

Country of origin DE (Germany)

Dimensions

Length of cable 5.00 m

General data

Number of positions 8

Degree of pollution 3

Alternative short product description Ethernet cable

Standards and Regulations

Flammability rating according to UL 94 V2

Cable

Cable type Ethernet, flexible, CAT5

Cable type (abbreviation) 94B

UL AWM style 20963 (80°C/30 V)

Signal type/category Ethernet CAT5 (IEC 11801), 1 Gbps

Cable structure 4x2xAWG26/7; SF/UTP

Conductor cross section 4x 2x 0.14 mm²

AWG signal line 26

Conductor structure signal line 7x 0.16 mm

Core diameter including insulation 0.96 mm

Wire colors white/blue-blue, white/orange-orange, white/green-green, white/brown-brown

Twisted pairs 2 cores to the pair

Overall twist 4 pairs for core

Shielding Aluminum-coated foil, tinned copper braided shield

Optical shield covering 70 %

External sheath, color water blue RAL 5021

Outer sheath thickness 1.05 mm

External cable diameter D 6.4 mm ±0.2 mm

Minimum bending radius, fixed installation 4 x D

Minimum bending radius, flexible installation 8 x D

Tensile strength GRP ≤ 100 N

Cable weight 47 kg/km

Outer sheath, material PUR

Material conductor insulation Foamed PE

Conductor material Bare Cu litz wires

Insulation resistance ≥ 500 MΩ·km

Loop resistance ≤ 290.00 Ω/km

Cable capacity 48 nF/km (at 1 kHz)

Wave impedance 100 Ω....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-M12FSBP-IP20-94B-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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