

INDUSTRIAL COMPONENT DATA

VS-M12MS-IP20-93R-LI/2,0 1416242 PHOENIX CONTACT

Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-M12MS-IP20-93R-LI/2,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-M12MS-IP20-93R-LI/2,0
Catalog number	1416242
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-DA631AFEA5
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Product Overview

Network cable

Network cable, PROFINET CAT5 (100 MBit/s), 4-pole, M12 straight connector, encoding: D / IP67, to RJ45 / IP20 straight connector, cable 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 > Industrial Field Connectivity (IFC)
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Additional Product Information

Key Commercial Data

Orderkey 1416242

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 311 (PC-2011)

GTIN 4046356473385

Weight per Piece (excluding packing) 142.740 g

Custom tariff number 85444210

Country of origin PL (Poland)

Dimensions

Length of cable 2 m

Ambient conditions

Degree of protection IP65 (M12 connector)

IP20 (RJ45 connector)

General data

Rated voltage 48 V AC

60 V DC

Number of positions 4

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

Characteristics head 1

Head type Plug straight M12

No. of positions (pin connector pattern) 4

Color black

Characteristics head 2

Head type Plug straight RJ45

No. of positions (pin connector pattern) 4

Color gray

Cable

Cable type PROFINET robot CAT5

Cable type (abbreviation) 93R

UL AWM style 20233 (80°C/300 V)

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

EtherCAT®CAT5 (IEC 11801), 100 Mbps

Cable structure 1x4xAWG22/19; S/TQ

Conductor cross section 4x 0.34 mm²

AWG signal line 22

Conductor structure signal line 19x 0.15 mm

Core diameter including insulation 1.5 mm

Wire colors White, yellow, blue, orange

Overall twist Star quad

Shielding Tinned copper braided shield

Optical shield covering 85 %

External sheath, color green RAL 6018

Outer sheath thickness approx. 1 mm

External cable diameter D 6.5 mm ±0.2 mm

Minimum bending radius, fixed installation 5 x D

Torsion force ± 180 °/m (1 000 000 torsion cycles)

Cable weight 55 kg/km

Outer sheath, material PUR

Material conductor insulation Foamed P...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-M12MS-IP20-93R-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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