

INDUSTRIAL COMPONENT DATA

VS-M12MS-IP20-94B-LI/3,0 1403492 PHOENIX CONTACT

Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-M12MS-IP20-94B-LI/3,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-M12MS-IP20-94B-LI/3,0
Catalog number	1403492
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
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Product Overview

Network cable

Network cable, CAT5 Ethernet (1 GBit/s), 8-pole, M12 straight connector, encoding: A / IP67, to RJ45 / IP20 straight connector, cable length: 3 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)

Additional Product Information

Key Commercial Data

Orderkey 1403492

Packing unit 1 pc

GTIN 4046356656122

Weight per Piece (excluding packing) 159.700 g

Custom tariff number 85444210

Country of origin PL (Poland)

Mechanical characteristics

Number of positions 8

Insertion/withdrawal cycles >= 100

Cable outlet straight

Length of cable 3 m

No. of cable outlets 1

Ambient conditions

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

-5 °C ... 60 °C (cable, flexible installation)

Degree of protection IP65 (M12 connector)

IP20 (RJ45 connector)

Material data

Flammability rating according to UL 94 HB

Standards and Regulations

Flammability rating according to UL 94 HB

Line characteristics

Cable type Ethernet, flexible, CAT5

Cable abbreviation 02YS(ST)C11Y

UL AWM style 20963 (80°C/30 V)

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

External cable diameter 6.4 mm ±0.2 mm

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

External sheath, color water blue RAL 5021

Transmission medium Copper

Insulation resistance $\geq 500 \text{ M}\Omega\cdot\text{km}$

Wave impedance $100 \pm 5 \Omega$ (at 100 MHz)

Near end crosstalk attenuation (NEXT) 71.3 dB (with 1 MHz)

62.3 dB (at 4 kHz)

56.3 dB (at 10 MHz)

53.2 dB (at 16 MHz)

51.8 dB (at 20 kHz)

48.9 dB (at 31.25 kHz)

44.4 dB (at 62.5 kHz)

41.3 dB (at 100 MHz)

Wave attenuation 3.2 dB (with 1 MHz)

6 dB (at 4 kHz)

9.5 dB (at 10 MHz)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-M12MS-IP20-94B-LI/3,0 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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