

**INDUSTRIAL COMPONENT DATA**

# VS-M12MRD-IP20-93E-LI/ 8,5 1403944 PHOENIX CONTACT

## Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-M12MRD-IP20-93E-LI/ 8,5



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | VS-M12MRD-IP20-93E-LI/ 8,5 |
| Catalog number  | 1403944                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-31BAE8C934              |
| Generated       | 2026-07-29                 |

### Product Overview

Network cable

**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 1403944

Packing unit 1 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356675772

Weight per Piece (excluding packing) 384.380 g

Custom tariff number 85444290

Country of origin PL (Poland)

**Dimensions**

Length of cable 8.5 m

**Ambient conditions**

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

Degree of protection IP20

IP67

**General**

Rated voltage 48 V AC

60 V DC

Number of positions 4

Coding D - data

Signal type/category Ethernet CAT5 (IEC 11801:2002)

Status display No

Overvoltage category I

Degree of pollution 3

Insertion/withdrawal cycles  $\geq 100$ 

Torque 0.4 Nm (M12 connector)

**Material**

Flammability rating according to UL 94 V2

Contact material CuSn

Contact surface material Ni/Au

Contact carrier material TPU GF

Material of grip body TPU, hardly inflammable, self-extinguishing

Material, knurls Zinc die-cast, nickel-plated

**Standards and Regulations**

Flammability rating according to UL 94 V2

**Cable**

Cable type PUR ETHERNET 2x2 FLEX

Cable type (abbreviation) 93E

Cable abbreviation 02YS(ST)C11Y

UL AWM style 20963 (80°C/30 V)

Cable structure 2x2xAWG26/7; SF/UTP

Conductor cross section 2x 2x 0.14 mm<sup>2</sup>

AWG signal line 26

Conductor structure signal line 7x 0.16 mm

Core diameter including insulation 0.98 mm

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

Twisted pairs 2 cores to the pair

Overall twist Two pairs with two fillers to the core

Shielding Aluminum-coated foil, tinned copper braided shield

Optical shield covering...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / VS-M12MRD-IP20-93E-LI/ 8,5 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

**GLOBAL OFFICES**

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