

**INDUSTRIAL COMPONENT DATA**

# NBC-M12MSD/ 3,0-93E/R4AC VA 1093490 PHOENIX CONTACT

## Network cable, Ethernet CAT5 (100 Mbps) CAT5, 4-position..

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MSD/ 3,0-93E/R4AC VA



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | NBC-M12MSD/ 3,0-93E/R4AC VA |
| Catalog number  | 1093490                     |
| Category        | Sensor-actuator patch cord  |
| Minimum order   | 50 Pcs                      |
| Document ID     | EO-B59952A47C               |
| Generated       | 2026-08-03                  |

### Product Overview

Network cable, Ethernet CAT5 (100 Mbps) CAT5, 4-position, shielded, Plug straight M12 / IP67, coding: D, on Plug straight RJ45 / IP20, cable length: 3 m

Network cable, CAT5 Ethernet (100 MBit/s) CAT5, 4-pole, shielded, M12 straight connector, encoding: D / 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 1093490  
 Packing unit 1  
 GTIN 4055626912196  
 Custom tariff number 85444290  
 Drawings  
 General data  
 Characteristics head 2  
 Cable  
 Dimensions  
 Characteristics head 1  
 Standards and Regulations

Classifications

Drawings

Dimensional drawing

Plug, M12 x 1, straight, shielded

Dimensional drawing

RJ45 connector, IP20

Circuit diagram

Contact assignment of the M12 and RJ45 plug

Schematic diagram

Pin assignment M12 male connector, 4-pos., D-coded, male side

Schematic diagram

Connector pin assignment plug RJ45

Cable cross section

PUR ETHERNET 2x2 FLEX [93E]

Back to topDimensions

Length of cable 3 m

Back to topGeneral data

Rated current at 40°C 1 A (Plug/socket in accordance with IEC 61076-2-101, cable technical data is to be observed)

Rated voltage 48 V AC

60 V DC

Number of positions 4

Signal type/category Ethernet CAT5 (IEC 11801:2002), 100 Mbps

Standards/regulations M12 connector IEC 61076-2-101

Overvoltage category II

Degree of pollution 3

Alternative short product description Ethernet cable

Contact material CuSn

Contact carrier material PA 6.6

Contact surface material Ni/Au

Back to topCharacteristics head 1

Head type Plug straight M12 / IP67

No. of positions (pin connector pattern) 4

Coding D (Data)

Color black

Material (component) CuZn (Contact)

Ni/Au (Contact surface)

PA (Contact carriers)

TPU, hardly inflammable, self-extinguishing (Grip)

Zinc die-cast, nickel-plated (Screw connection)

Insulation resistance  $\geq 100 \text{ M}\Omega$

Insertion/withdrawal cycles  $\geq 100$

Torque 0....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MSD/ 3,0-93E/R4AC VA 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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