

**INDUSTRIAL COMPONENT DATA**

# NBC-M12MSD/3,0-93E/R4AC 1403499 PHOENIX CONTACT

## Network cable

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



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | NBC-M12MSD/3,0-93E/R4AC    |
| Catalog number  | 1403499                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-368149EE2E              |
| Generated       | 2026-08-03                 |

### Product Overview

Network cable

Network cable, CAT5 Ethernet (100 MBit/s), 4-pole, shielded (Advanced Shielding Technology), 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 1403499

Packing unit 1 pc

GTIN 4046356656191

Weight per Piece (excluding packing) 157.100 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 3 m

Ambient conditions

Degree of protection IP20 (RJ45 connector)

IP67 (M12 connector)

General data

Rated voltage 48 V AC  
60 V DC  
Number of positions 4  
Signal type/category Ethernet CAT5 (IEC 11801), 100 Mbps  
Overvoltage category I  
Degree of pollution 3  
Housing material TPU/PA  
Characteristics 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)  
TPU GF (Contact carriers)  
TPU, hardly inflammable, self-extinguishing (Grip)  
Zinc die-cast, nickel-plated (Screw connection)  
Shielded yes  
Insertion/withdrawal cycles  $\geq 100$   
Torque 0.4 Nm  
Ambient temperature (operation) -25 °C ... 90 °C  
Characteristics head 2  
Head type Plug straight RJ45 / IP20  
No. of positions (pin connector pattern) 4 (8)  
Color gray  
gray / black  
Material (component) CuSn (Contact)  
Ni/Au (Contact surface)  
PC (Contact carriers)  
PA (Housing)  
Shielded yes  
Insertion/withdrawal cycles  $\geq 750$   
Ambient temperature (operation) -40 °C ... 60 °C  
Standards and Regulations  
Flammability rating according to UL 94 V2  
Cable  
Cable type PUR ETHERNET 2x2 FLEX  
Cable type (abbreviation) 93E  
UL AWM style 20963 (80°C/30 V)  
Signal type/category Ethernet CAT5 (IEC 11801), 100 Mbps  
Cable structure 2x2xAWG26/7; SF/UTP  
Conduct...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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