

**INDUSTRIAL COMPONENT DATA**

# NBC-M12MSX/ 5,0-94F 1407469 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MSX/ 5,0-94F



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | NBC-M12MSX/ 5,0-94F        |
| Catalog number  | 1407469                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-C7FEABD874              |
| Generated       | 2026-08-04                 |

## Product Overview

Network cable

Network cable, Ethernet CAT6A (10 GBit/s), CC-Link IE CAT6A (10 GBit/s), 8-pole halogen-free, shielded (Advanced Shielding Technology), Straight M12 connector, encoding: X / IP67, to free cable end, encoding: X, cable length: 5 m

Network cable, Ethernet CAT6A (10 Gbps), CC-Link IE CAT6A (10 Gbps), 8-position, PUR halogen-free, water blue RAL 5021, shielded (Advanced Shielding Technology), Plug straight M12, coding: X / IP67, on free cable end, cable length: 5 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

Technical dataNotesGeneral Further products with variable cable type and variable cable length can be found in the accessories section

Product propertiesProduct type Data cable preassembled

Application Standard

Sensor type Ethernet

Number of positions 8

No. of cable outlets 1

Shielded yes

Coding X

Data management status

Article revision 09

InterfacesBus system Ethernet  
Signal type/category Ethernet CAT6A, 10 Gbps  
CC-Link IE CAT6A, 10 Gbps  
SignalingStatus display no  
Status display present No  
Electrical propertiesNominal voltage UN 48 V AC  
60 V DC  
Nominal current IN 0.5 A  
Transmission medium Copper  
Transmission characteristics (category) CAT6A  
ConnectorConnection 1  
Dimensional drawing Pin assignment of M12 plug, 8-pos., X-coded, pin side view  
Type M12 Plug, straight, 8-position, shielded (Advanced Shielding Technology), Keying: X  
Number of positions 8  
Shielded yes  
Shielding Advanced Shielding Technology  
Signal type/category Ethernet CAT6A, 10 Gbps  
CC-Link IE CAT6A, 10 Gbps  
Insertion/withdrawal cycles  $\geq 100$   
Insulation resistance  $\geq 100 \text{ ?}$   
Overvoltage category II  
Degree of pollution 3  
Tightening torque 0.4 Nm (M12 connector)  
Material Contact CuZn  
Material Contact surface Ni/Au  
Material Contact carrier PA 6.6  
Material Screw connection Die-cast zinc, nickel-plated  
Material Grip body TPU, hardly inflammable, self-extinguishing  
Material Seal FKM  
Flammability rating according to UL 94 V0  
Degree of protection IP65  
IP67  
Ambient temperature (operation) -25 °C ... 85 °C  
Standard designatio...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MSX/ 5,0-94F 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

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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