

**INDUSTRIAL COMPONENT DATA**

# NBC-M12MSX/ 7,5-94C/R4AC 1418872 PHOENIX CONTACT

## Network cable NBC-MSX/ 7,5-94C/R4AC SCO 1418872

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MSX/ 7,5-94C/R4AC



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | NBC-M12MSX/ 7,5-94C/R4AC   |
| Catalog number  | 1418872                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-83FFF15E0D              |
| Generated       | 2026-08-05                 |

### Product Overview

Network cable - NBC-MSX/ 7,5-94C/R4AC SCO - 1418872

Network cable, Ethernet CAT5 (1 GBit/s) CAT5 (1 GBit/s), 8-pole, shielded (Advanced Shielding Technology), M12 straight connector, encoding: X / IP67, a RJ45 straight connector, encoding: X / IP20, cable length: 7.5 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

Network cable, Ethernet CAT5, 8-position, PUR, water blue RAL 5021, shielded, Plug straight M12 SPEEDCON / IP67, cable length: 7.5 m

Key Commercial Data

Orderkey 1418872

Packing unit 1

GTIN 4055626155296

Custom tariff number 85444290

Dimensions

Length of cable 7.5 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (M12 connector)

-20 °C ... 70 °C (RJ45 connector)

General data

Rated current at 40°C 0.5 A  
Rated voltage 48 V AC  
60 V DC  
Number of positions 8  
Signal type/category Ethernet CAT5  
Standards/regulations M12 connector IEC 61076-2-109  
Contact material CuSn  
Contact carrier material PP  
Contact surface material Ni/Au  
Housing material Plastic  
Characteristics head 1  
Head type Plug straight M12 SPEEDCON / IP67  
No. of positions (pin connector pattern) 8  
Color black  
Material (component) CuZn (Contact)  
Standards and Regulations  
Standard designation M12 connector  
Standards/regulations IEC 61076-2-109  
Cable  
Cable type Ethernet drag chain CAT5  
Cable type (abbreviation) 94C  
UL AWM style 20963 (80°C/30 V)  
Signal type/category Ethernet CAT5 (IEC 11801), 1 Gbps  
Cable structure 4x2xAWG26/19; S/UTP  
Conductor cross section 4x 2x 0.14 mm<sup>2</sup>  
AWG signal line 26  
Conductor structure signal line 19x 0.10 mm  
Core diameter including insulation 1 mm  
Wire colors white/blue-blue, white/orange-orange, white/green-green, white/brown-brown  
Twisted pairs 2 cores to the pair  
Overall twist Four pairs and four fillers to the core  
Shielding Tinned copper braided shield  
Optical shield coveri...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MSX/ 7,5-94C/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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