

## INDUSTRIAL COMPONENT DATA

# NBC-M12MSX/20,0-94F/R4AC 1421857 PHOENIX CONTACT

## Network cable NBC-MSX/20,0-94F/R4AC SCO 1421857

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MSX/20,0-94F/R4AC



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | NBC-M12MSX/20,0-94F/R4AC   |
| Catalog number  | 1421857                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 25 Pcs                     |
| Document ID     | EO-031D30D0EF              |
| Generated       | 2026-08-04                 |

### Product Overview

Network cable - NBC-MSX/20,0-94F/R4AC SCO - 1421857

Network cable, Ethernet CAT6A (10 GBit/s) CAT6A (10 GBit/s), 8-pole halogen-free, shielded (Advanced Shielding Technology), M12 straight connector, encoding: X SPEEDCON / IP67, a RJ45 / IP20 straight connector, cable length: 20 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 CAT6A(10 Gbps), 8-position, PUR, water blue RAL 5021, shielded, Plug straight M12 SPEEDCON / IP67, coding: X, on Plug straight RJ45 / IP20, cable length: 20 m

Key Commercial Data

Orderkey 1421857

Packing unit 1

GTIN 4055626285191

Custom tariff number 85444290

Dimensions

Length of cable 20 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 CAT6A, 10 Gbps  
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  
Coding X (Data)  
Color black  
Material (component) CuZn (Contact)  
Ni/Au (Contact surface)  
PP (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 0.4 Nm  
Ambient temperature (operation) -25 °C ... 90 °C  
Characteristics head 2  
Head type Plug straight RJ45 / IP20  
No. of positions (pin connector pattern) 8 (8)  
Color gray  
Material (component) CuSn (Contact)  
Ni/Au (Contact surface)  
PC (Contact carriers)  
PA (Housing)  
Insertion/withdrawal cycles  $\geq 750$   
Ambient temperature (operation) -25 °C ... 60 °C  
Standards and Regulations  
S...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MSX/20,0-94F/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

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.