

**INDUSTRIAL COMPONENT DATA**

# NBC-M12MSX/20,0-94F CMC 1440588 PHOENIX CONTACT

## Network cable

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



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | NBC-M12MSX/20,0-94F CMC    |
| Catalog number  | 1440588                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-B3567526FB              |
| Generated       | 2026-08-03                 |

### Product Overview

Network cable

Network cable, CAT6A Ethernet (10 GBit/s), 8-pole, M12 straight connector, encoding: X SPEEDCON / IP65, to free cable end, 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

Key Commercial Data

Orderkey 1440588

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 305 (PC-2011)

GTIN 4046356504508

Weight per Piece (excluding packing) 918.600 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 20 m

Ambient conditions

Degree of protection IP65

IP67

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

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

Overvoltage category II

Degree of pollution 3

Alternative short product description Ethernet cable

Characteristics head 1

Head type Plug straight M12 SPEEDCON / IP65

No. of positions (pin connector pattern) 8 (8)

Coding X (Data)

Color black

Shielded yes

Characteristics head 2

Head type free cable end

No. of positions (pin connector pattern) 8

Color black

Shielded yes

Standards and Regulations

Connection in acc. with standard UL

Flammability rating according to UL 94 HB

Cable

Cable type Ethernet 10 Gbit

Cable type (abbreviation) 94F

UL AWM style 20963 (80°C/30 V)

Signal type/category Ethernet CAT6A, 10 Gbps

Cable structure 4x2xAWG26/7; S/FTP

Conductor cross section 4x 2x 0.14 mm<sup>2</sup>

AWG signal line 26

Conductor structure signal line 7x 0.16 mm

Core diameter including insulation 1.04 mm

Wire colors white/blue-blue, white/orange-orange, white/green-green, white/brown-brown

Twisted pairs 2 cores to the pair

Type of pair shielding Aluminum-lined foil

Overall....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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