

INDUSTRIAL COMPONENT DATA

NBC-M12MSX/20,0-94F/M12MSX 1421858 PHOENIX CONTACT

Network cable NBC-MSX/20,0-94F/MSX SCO 1421858

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12MSX/20,0-94F/M12MSX
Catalog number	1421858
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-865A6A2AFF
Generated	2026-08-03

Product Overview

Network cable - NBC-MSX/20,0-94F/MSX SCO - 1421858

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 M12 straight connector, encoding: X SPEEDCON / IP67, cable length: 20 m

Network cable, Ethernet CAT6A (10 Gbit/s) CAT6A (10 Gbit/s), 8-pin, PUR halogen-free, water blue RAL 5021, shielded (Advanced Shielding Technology), straight plug M12 SPEEDCON, coding: X / IP67, to straight plug M12 SPEEDCON, coding: X / IP67, 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 M12 SPEEDCON / IP67, coding: X, cable length: 20 m

Key Commercial Data

Orderkey 1421858

Packing unit 1

GTIN 4055626285702

Custom tariff number 85444290

Dimensions

Length of cable 20 m

Ambient conditions

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

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 ≥ 100

Torque 0.4 Nm

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

Characteristics head 2

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/wi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MSX/20,0-94F/M12MSX with the required quantity to info@electricaonline.com or use 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.