INDUSTRIAL COMPONENT DATA

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

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



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|---|---|
| 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-A3A4707855 |
| Generated | 2026-11-19 |

## 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

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|---|---|
| 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 >= 100
Insulation resistance >= 100 ?
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 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

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