INDUSTRIAL COMPONENT DATA

NBC-M12MSX/ 1,0-94F/R4AC 1407471 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MSX/ 1,0-94F/R4AC



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12MSX/ 1,0-94F/R4AC
Catalog number	1407471
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-382498EDB0
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), M12 straight connector, encoding: X / IP67, a RJ45 straight connector, encoding: X / IP20, cable length: 1 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 1407471
Packing unit 1 pc
Catalog page Page 407 (C-2-2017)
GTIN 4046356776684
Weight per Piece (excluding packing) 73.800 g
Custom tariff number 85444290
Country of origin PL (Poland)
Dimensions
Length of cable 1 m
Ambient conditions
Degree of protection IP65 (M12 connector)

IP67 (M12 connector)
IP20 (RJ45 connector)
Ambient temperature (operation) -25 °C ... 90 °C (M12 connector)
-20 °C ... 70 °C (RJ45 connector)
General data
Note Further products with variable cable type and variable cable length can be found in the accessories section
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
CC-Link IE 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 >= 100 M?
Insertion/withdrawal cycles >= 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
gray / black
Material (component) CuSn (Contact)
Ni/A...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MSX/ 1,0-94F/R4AC 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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