INDUSTRIAL COMPONENT DATA

NBC-M12MSX/ 0,3-94F/R4AC 1002933 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MSX/ 0,3-94F/R4AC



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12MSX/ 0,3-94F/R4AC
Catalog number	1002933
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-A3179D5DEC
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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 / IP20 straight connector, cable length: 0.3 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 1002933
Packing unit 1
GTIN 4055626465395
Custom tariff number 85444290
Dimensions
Length of cable 0.3 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
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
Color black
Material (component) Ni/Au (Contact surface)
PP (Contact carriers)
TPU, hardly inflammable, self-extinguishing (Grip)
Insulation resistance >= 100 M?
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-109
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 mm²
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 Aluminu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MSX/ 0,3-94F/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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