

INDUSTRIAL COMPONENT DATA

NBC-M12MSD/20,0-93E/R4AC 1031021 PHOENIX CONTACT

Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MSD/20,0-93E/R4AC



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12MSD/20,0-93E/R4AC
Catalog number	1031021
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-394D40DCAF
Generated	2026-08-04

Product Overview

Network cable

Network cable, CAT5 Ethernet (100 MBit/s), 4-pole, halogen-free PUR, water blue RAL 5021, shielded, M12 SPEEDCON straight connector, encoding: D / IP67, to RJ45 / IP20 straight connector, 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 1031021

Packing unit 1 pc

Minimum order quantity 25 pc

Note Made to Order (non-returnable)

GTIN 4055626534732

Weight per Piece (excluding packing) 908.800 g

Custom tariff number 85444290

Country of origin PL (Poland)

Dimensions

Length of cable 20 m

General data

Rated current at 40°C 1 A

Rated voltage 48 V AC
60 V DC
Number of positions 4
Signal type/category Ethernet CAT5 (IEC 11801), 100 Mbps
Standards/regulations M12 connector IEC 61076-2-101
Characteristics head 1
Head type Plug straight M12 SPEEDCON / IP67
No. of positions (pin connector pattern) 4
Coding D (Data)
Color black
Material (component) CuZn (Contact)
Ni/Au (Contact surface)
PA (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) $-25^\circ\text{C} \dots 90^\circ\text{C}$
Characteristics head 2
Head type Plug straight RJ45 / IP20
No. of positions (pin connector pattern) 4 (8)
Color gray
Material (component) CuSn (Contact)
Ni/Au (Contact surface)
PC (Contact carriers)
PA (Housing)
Insertion/withdrawal cycles ≥ 750
Ambient temperature (operation) $-25^\circ\text{C} \dots 60^\circ\text{C}$
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Cable
Cable type PUR ETHERNET 2x2 FLEX
Cable type (abbreviation) 93E
UL AWM style 20963 (80°C/30 V)
Signal type/category Ethernet CAT5 (IEC 11801), 100 Mbps
Cable structure 2x2xAWG...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MSD/20,0-93E/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

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.