

INDUSTRIAL COMPONENT DATA

NBC-M12MSD/20,0-93B/R4AC 1080102 PHOENIX CONTACT

Network cable NBC-MSD/20,0-93B/R4AC SCO 1080102

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12MSD/20,0-93B/R4AC
Catalog number	1080102
Category	Sensor-actuator patch cord
Minimum order	250 Pcs
Document ID	EO-BD2AC246E4
Generated	2026-08-04

Product Overview

Network cable - NBC-MSD/20,0-93B/R4AC SCO - 1080102

Network cable, PROFINET CAT5 (100 MBit/s), EtherCAT® CAT5 (100 MBit/s), 4-pole, shielded (Advanced Shielding Technology), M12 straight connector, encoding: D / IP67, a 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

Network cable, PROFINET CAT5 (100 Mbps), EtherCAT®CAT5 (100 Mbps), 4-position, PVC/PVC, green RAL 6018, shielded, Plug straight M12 SPEEDCON / IP67, coding: D, on Plug straight RJ45 / IP20, cable length: 20 m

Key Commercial Data

Orderkey 1080102

Packing unit 1

GTIN 4055626802718

Custom tariff number 85444290

Dimensions

Length of cable 20 m

Ambient conditions

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

-25 °C ... 80 °C (RJ45 connector)

General data

Note This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 8.2 Connectors for Outside Environment (Balanced cabling)

Further products with variable cable type and variable cable length can be found in the accessories section

Rated current at 40°C 1 A

Rated voltage 48 V AC

60 V DC

Number of positions 4

Signal type/category PROFINET CAT5 (IEC 11801), 100 Mbps

EtherCAT®CAT5 (IEC 11801), 100 Mbps

Standards/regulations M12 connector IEC 61076-2-101

Contact material CuSn

Contact carrier material TPU GF

Contact surface material Ni/Au

Housing material Plastic

Characteristics head 1

Head type Plug straight M12 SPEEDCON / IP67

No. of positions (pin connector pattern) 4

Coding D (Data)

Color black

Material (component) CuSn (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/withdra...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MSD/20,0-93B/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.