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-7C1F7506F3
Generated	2026-11-18

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 >= 100 M?
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.