

## INDUSTRIAL COMPONENT DATA

**NBC-M12MSD/20,0-93B 1424089 PHOENIX CONTACT Network cable NBC-MSD/20,0-93B SCO 1424089**

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



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | NBC-M12MSD/20,0-93B        |
| Catalog number  | 1424089                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-62F6F8253E              |
| Generated       | 2026-08-04                 |

**Product Overview**

Network cable - NBC-MSD/20,0-93B SCO - 1424089

Network cable, PROFINET CAT5 (100 MBit/s), EtherCAT® CAT5 (100 MBit/s), 4-pole, shielded (Advanced Shielding Technology), Straight M12 connector, coding: D / IP67, to free cable end, cable length: 20 m

Network cable, PROFINET CAT5 (100 Mbps), EtherCAT® CAT5 (100 Mbps), 4-position, PVC/PVC, green RAL 6018, shielded (Advanced Shielding Technology), Plug straight M12, coding: D / IP67, on free cable end, 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**

Technical dataNotesGeneral This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 10.1 Cord Sets for Balanced Cabling

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

Product propertiesProduct type Data cable preassembled

Application Standard

Sensor type PROFINET

Number of positions 4

Shielded yes

Insulation characteristics

Overvoltage category II

Degree of pollution 3

InterfacesBus system PROFINET  
Signal type/category PROFINET CAT5 (IEC 11801), 100 Mbps  
EtherCAT® CAT5 (IEC 11801), 100 Mbps  
SignalingStatus display no  
Status display present No  
Electrical propertiesNominal voltage UN 48 V AC  
60 V DC  
Nominal current IN 4 A  
Transmission medium Copper  
Transmission characteristics (category) CAT5 (IEC 11801:2002)  
Material specificationsFlammability rating according to UL 94 V0  
ConnectorConnection 1  
Type Plug straight M12 / IP67  
Number of positions 4  
Coding type D (Data)  
Handle color black  
Material CuSn (Contact)  
Ni/Au (Contact surface)  
PA (Contact carriers)  
TPU, hardly inflammable, self-extinguishing (Grip body)  
Zinc die-cast, nickel-plated (Screw connection)  
FKM (Seal)  
Insertion/withdrawal cycles  $\geq 100$   
Insulation resistance  $\geq 100 \text{ M}\Omega$   
Tightening torque 0.4 Nm  
Degree of protection IP67  
Ambient temperature (operation) -25 °C ... 90 °C  
Connection 2  
Type free cable end  
Cable/lineCable length 20 m  
PROFINET PVC stranded CAT...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MSD/20,0-93B with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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