

**INDUSTRIAL COMPONENT DATA**

# NBC-M12MSD/ 1,0-93B/R4RC 1407516 PHOENIX CONTACT

## Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-MSD/ 1,0-93B/R4RC SCO



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | NBC-MSD/ 1,0-93B/R4RC SCO  |
| Catalog number  | 1407516                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-ACB46F249E              |
| Generated       | 2026-08-03                 |

### Product Overview

Network cable

Network cable, PROFINET CAT5 (100 MBit/s), EtherCAT® CAT5 (100 MBit/s), 4-pole, shielded (Advanced Shielding Technology), M12 straight connector, coding: D / IP67, a RJ45 Push-pull / IP67 straight connector, cable length: 1 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 Plug straight RJ45 Push Pull / IP67, cable length: 1 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 I

Degree of pollution 2  
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 1 A  
Transmission medium Copper  
Transmission characteristics (category) CAT5 (IEC 11801:2002)  
Material specificationsFlammability rating according to UL 94 V2  
ConnectorConnection 1  
Dimensional drawing Pin assignment M12 male connector, 4-pos., D-coded, male side  
Type M12 Plug, straight, 4-position, shielded (Advanced Shielding Technology), Keying: D  
Number of positions 4  
Shielded yes  
Shielding Advanced Shielding Technology  
Signal type/category EtherCAT® CAT5 (IEC 11801), 100 Mbps  
PROFINET CAT5 (IEC 11801)  
Insertion/withdrawal cycles  $\geq 100$   
Insulation resistance  $\geq 100\text{ M}\Omega$   
Overvoltage category II  
Degree of pollution 3  
Tightening torque 0.4 Nm  
Material Contact CuSn  
Material Contact surface Ni/Au  
Material C...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-MSD/ 1,0-93B/R4RC SCO 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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