

INDUSTRIAL COMPONENT DATA

NBC-M8MRD/10,0-93C/M8MRD 1080537 PHOENIX CONTACT

Network cable, PROFINET CAT5 (100 Mbps), EtherCAT

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M8MRD/10,0-93C/M8MRD



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M8MRD/10,0-93C/M8MRD
Catalog number	1080537
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-0C390C4737
Generated	2026-07-29

Product Overview

Network cable, PROFINET CAT5 (100 Mbps), EtherCAT

Network cable, PROFINET CAT5 (100 MBit/s), EtherCAT® CAT5 (100 MBit/s), 4-pole halogen-free, shielded (Advanced Shielding Technology), M8 angled connector, coding: D / IP67, a M8 angled connector, coding: D / IP67, cable length: 10 m

Network cable, PROFINET CAT5 (100 Mbps), EtherCAT® CAT5 (100 Mbps), 4-position, PUR/FRNC halogen-free, green RAL 6018, shielded (Advanced Shielding Technology), Plug angled M8, coding: D / IP67, on Plug angled M8, coding: D / IP67, cable length: 10 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)
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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 8.2 Connectors for Outside Environment (Balanced cabling)

Product propertiesProduct type Data cable preassembled

Application Standard

Sensor type PROFINET

Number of positions 4

No. of cable outlets 1

Shielded yes

Coding D

Data management status

Article revision 09

InterfacesSignal 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

ConnectorConnection 1

Type Plug angled M8 / IP67

Number of positions 4

Coding type D (Data)

Shielded yes

Handle color black

Material CuSn (Contact)

Ni/Au (Contact surface)

PA 6.6 (Contact carriers)

TPU, hardly inflammable, self-extinguishing (Grip body)

Brass, nickel-plated (Screw connection)

Insertion/withdrawal cycles ≥ 100

Insulation resistance $\geq 100 \text{ M}\Omega$

Tightening torque 0.2 Nm

Degree of protection IP67

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

Connection 2

Type Plug angled M8 / IP67

Number of positions 4

Coding type D (Data)

Shielded yes

Handle color black

Material CuSn (Contact)

Ni/Au (Contact surface)

PA 6.6 (Contact carriers)

TPU, hardly inflammable, self-extinguishing (Grip body)

Brass, nickel-plated (Screw connection)

Insertion/withdrawal cycles ≥ 100

Insulation....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M8MRD/10,0-93C/M8MRD 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

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