INDUSTRIAL COMPONENT DATA

NBC-M8MSD/1,0-93C/M8MRD 1080538 PHOENIX CONTACT Network cable, PROFINET CAT5 (100 Mbps), EtherCAT

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M8MSD/1,0-93C/M8MRD



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M8MSD/1,0-93C/M8MRD
Catalog number	1080538
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-C27B01C510
Generated	2026-11-18

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 straight connector, coding: D / IP67, a M8 angled connector, coding: D / IP67, cable length: 1 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 straight M8, coding: D / IP67, on Plug angled M8, coding: D / 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 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 straight 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 >= 100 M?
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
Insulatio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M8MSD/1,0-93C/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

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.