

INDUSTRIAL COMPONENT DATA

NBC-M8MSD/2,0-93C/M8MRD 1080539 PHOENIX CONTACT

Network cable, PROFINET CAT5 (100 Mbps), EtherCAT

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M8MSD/2,0-93C/M8MRD



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M8MSD/2,0-93C/M8MRD
Catalog number	1080539
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-0DD43C0DA6
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), Straight M8 connector, coding: D / IP67, a Clanged M8 connector, coding: D / IP67, cable length: 2 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

Key Commercial Data

Orderkey 1080539

Packing unit 1 pc

Catalog page Page 395 (C-2-2019)

GTIN 4055626804835

Weight per Piece (excluding packing) 0.000 g

Custom tariff number 85444290

Country of origin PL (Poland)

Drawings

Ambient conditions

Characteristics head 1

Standards and Regulations

Environmental Product Compliance

Dimensions

General data

Characteristics head 2

Cable

Classifications

Drawings

Dimensional drawing

Plug M8 x 1, straight, shielded

Dimensional drawing

Plug M8 x 1, angled, shielded

Circuit diagram

Contact assignment of M8 plugs

Schematic diagram

Pin assignment M8 male connector, 4-pos., D-coded, view of pin side

Cable cross section

PROFINET drag chain CAT5 [93C]

Back to topDimensions

Length of cable 2 m

Back to topAmbient conditions

Degree of protection IP65

IP67

Ambient temperature (operation) -25 °C ... 90 °C (M12 connector)

Back to topGeneral 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)

Rated current at 40°C 4 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 M8 connector IEC 61076-2-114

Back to topCharacteristics head 1

Head type Plug straight M8 / IP67

No. of positions (pin connector pattern) 4

Coding D (Data)

Color black

Material (component) CuSn (Contact)

Ni/Au....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M8MSD/2,0-93C/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.