

INDUSTRIAL COMPONENT DATA

NBC-M8MRD/5,0-93C/R4AC 1080545 PHOENIX CONTACT

Network cable, PROFINET CAT5 (100 Mbps), EtherCAT

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M8MRD/5,0-93C/R4AC



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M8MRD/5,0-93C/R4AC
Catalog number	1080545
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-BD7AECE7A8
Generated	2026-08-01

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 Straight RJ45 / IP20 connector, cable length: 5 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

Key Commercial Data

Orderkey 1080545

Packing unit 1 pc

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GTIN 4055626804880

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, angled, shielded](#)

[Dimensional drawing](#)

[RJ45 connector, IP20](#)

[Circuit diagram](#)

[Contact assignment of the M8 and RJ45 plug](#)

[Schematic diagram](#)

[Pin assignment M8 male connector, 4-pos., D-coded, view of pin side](#)

[Schematic diagram](#)

[Connector pin assignment plug RJ45](#)

[Cable cross section](#)

[PROFINET drag chain CAT5 \[93C\]](#)

[Back to top](#)[Dimensions](#)

[Length of cable 5 m](#)

[Back to top](#)[Ambient conditions](#)

[Degree of protection IP65](#)

[IP67](#)

[Ambient temperature \(operation\) -25 °C ... 90 °C \(M12 connector\)](#)

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[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 1 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 top](#)[Characteristics head 1](#)

[Head type Plug angled M8 / IP67](#)

[No. of positions \(pin connector pattern\) 4](#)

[Coding D \(Data\)](#)

[Co...](#)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M8MRD/5,0-93C/R4AC 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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