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-450C4CB337
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 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)

Additional Product Information

Key Commercial Data
Orderkey 1080545
Packing unit 1 pc
Catalog page Page 395 (C-2-2019)
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 topDimensions
Length of cable 5 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 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 topCharacteristics 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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