

INDUSTRIAL COMPONENT DATA

NBC-M12MSD/73,0-93R/R4AC 1081453 PHOENIX CONTACT

Network cable, PROFINET CAT5 (100 Mbps), EtherCAT

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MSD/73,0-93R/R4AC



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12MSD/73,0-93R/R4AC
Catalog number	1081453
Category	Patch cord copper (twisted pair)
Minimum order	5 Pcs
Document ID	EO-C4723B0E54
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Product Overview

Network cable, PROFINET CAT5 (100 Mbps), EtherCAT

Network cable, PROFINET CAT5 (100 MBit/s), EtherCAT® CAT5 (100 MBit/s), 4-pole, shielded, M12 straight connector, to RJ45 straight connector, cable length: 73 m

Network cable, PROFINET CAT5 (100 Mbps), EtherCAT® CAT5 (100 Mbps), 4-position, PUR halogen-free, green RAL 6018, shielded, Plug straight M12, coding: D, on Plug straight RJ45 / IP20, cable length: 73 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 dataProduct propertiesProduct type Data cable preassembled

Application Standard

Sensor type PROFINET

Number of positions 4

No. of cable outlets 1

Shielded yes

Coding D

InterfacesBus system PROFINET

Signal 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 1 A

Transmission medium Copper

ConnectorConnection 1

Type Plug straight M12

Coding type D (Data)

Material CuZn (Contact)

Ni/Au (Contact surface)

PA (Contact carriers)

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

Zinc die-cast, nickel-plated (Screw connection)

Connection 2

Type Plug straight RJ45 / IP20

Number of positions 4 (8)

Material CuSn (Contact)

Ni/Au (Contact surface)

PC (Contact carriers)

PA (Housing)

Degree of protection IP20

Cable/lineCable length 73 m

PROFINET robot CAT5 [93R]

Dimensional drawing

Cable weight 55 kg/km

UL AWM Style 20233 (80°C/300 V)

Number of positions 4

Shielded yes

Cable type PROFINET robot CAT5 [93R]

Conductor structure 1x4xAWG22/19, S/TQ

Signal runtime 4.8 ns/m

Conductor structure signal line 19x 0.15 mm

AWG signal line 22

Conductor cross section 4x 0.34 mm²

Wire diameter incl. insulation 1.5 mm

External cable diameter 6.50 mm ±0.2 mm

Outer sheath, material PUR

External sheath, color green RAL 6018

Conductor material Tin-plated Cu litz wires

Material wire insulation Foamed PE

Single wire, color white, yellow, b...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MSD/73,0-93R/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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