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-FEB007D1E4
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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)

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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