

INDUSTRIAL COMPONENT DATA

NBC-M12MSD/25,0-93E/M12MSD 1413513 PHOENIX CONTACT

Network cable NBC-M12MSD/25,0-93E/M12MSD 1413513

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MSD/25,0-93E/M12MSD



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12MSD/25,0-93E/M12MSD
Catalog number	1413513
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-B21322A340
Generated	2026-08-04

Product Overview

Network cable - NBC-M12MSD/25,0-93E/M12MSD - 1413513

Network cable, CAT5 Ethernet, 4-pole, shielded, M12 straight connector, encoding: D, a M12 straight connector, encoding: D, cable length: 25 m

Network cable, Ethernet CAT5, 4-position, PUR halogen-free, water blue RAL 5021, shielded, Plug straight M12, coding: D, on Plug straight M12, coding: D, cable length: 25 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

Sensor type Ethernet

Number of positions 4

No. of cable outlets 1

Coding D

Insulation characteristics

Overvoltage category II

Degree of pollution 3

InterfacesBus system Ethernet

Signal type/category Ethernet CAT5 (IEC 11801:2002)

Electrical propertiesNominal voltage UN 48 V AC

60 V DC

Nominal current IN 4 A (Plug/socket in accordance with IEC 61076-2-101, cable technical data is to be observed)

Transmission medium Copper

Transmission characteristics (category) CAT5 (IEC 11801:2002)

Mechanical propertiesMechanical data

Insertion/withdrawal cycles ≥ 100

Material specificationsFlammability rating according to UL 94 V0

ConnectorConnection 1

Type Plug straight M12

Number of positions 4

Coding type D (Data)

Connection 2

Type Plug straight M12

Coding type D

Cable/lineCable length 25 m

Ethernet flexible CAT5, 2-pair [93E]

Dimensional drawing

Cable weight 42 kg/km

UL AWM Style 20963 (80°C/30 V)

Wiring standards/regulations Electrical requirements EN 50288-2-2

Number of positions 4

Shielded yes

Cable type Ethernet flexible CAT5, 2-pair [93E]

Conductor structure 2x2xAWG26/7, SF/UTP

Signal runtime 5.3 ns/m

Conductor structure signal line 7x 0.16 mm

AWG signal line 26

Conductor cross section 2x 2x 0.14 mm²

Wire diameter incl. insulation 0.98 mm

External cable diameter 6.40 mm ± 0.2 mm

Outer sheath, material PUR

External sheath, color water blue RAL 5021

Conductor material Bare Cu litz wires

Material wire insulation Foame...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MSD/25,0-93E/M12MSD 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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