

INDUSTRIAL COMPONENT DATA

NBC-M12MSD/20,0-93X OD 1416035 PHOENIX CONTACT

Network cable NBC-M12MSD/20,0-93X OD 1416035

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MSD/20,0-93X OD



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12MSD/20,0-93X OD
Catalog number	1416035
Category	Sensor-actuator patch cord
Minimum order	10 Pcs
Document ID	EO-D2D874D26E
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Product Overview

Network cable - NBC-M12MSD/20,0-93X OD - 1416035

Network cable, PROFINET CAT5 (100 MBit/s), Ethernet CAT5 (100 MBit/s), 4-pole halogen-free, shielded, Straight M12 connector, encoding: D / IP65, to free cable end, cable length: 20 m, for outdoor applications, with stainless steel knurling
Network cable, PROFINET CAT5 (100 Mbps), Ethernet CAT5 (100 Mbps), 4-position, PE-X halogen-free, black RAL 9005, shielded, Plug straight M12, coding: D / IP65, on free cable end, cable length: 20 m, for outdoor applications, with high-grade steel knurl

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 External areas

Sensor type PROFINET

Number of positions 4

No. of cable outlets 1

Shielded yes

Coding D

Insulation characteristics

Degree of pollution 3

InterfacesBus system PROFINET

Ethernet

Signal type/category PROFINET CAT5 (IEC 11801), 100 Mbps

Ethernet 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 4 A

Transmission medium Copper

Material specificationsColor black (RAL 9005)

Flammability rating according to UL 94 V0

Seal material FPM

ConnectorConnection 1

Type Plug straight M12 / IP65

Number of positions 4 (4)

Coding type D (Data)

Shielded yes

Handle color black

Material CuSn (Contact)

Ni/Au (Contact surface)

PA (Contact carriers)

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

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

Degree of protection IP65

IP68

IP69K

Connection 2

Type free cable end

Cable/lineCable length 20 m

PROFINET outdoors [93X]

Dimensional drawing

Cable weight 81 g/m

Shielded yes

Cable type PROFINET outdoors [93X]

Conductor structure 1x4xAWG22/7, SF/TQ

Signal speed 66 c

Conductor structure signal line 7x 0.25 mm

AWG signal line 22

Conductor cross section 4x 0.34 mm²

Wire diameter incl. insulation 1.95 mm

External cable diameter 7.25 mm ±0.3 mm

Outer sheath, material PE-X

External sheath, color black RAL 9005

Conductor material silver-plated Cu litz wires

Materia...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MSD/20,0-93X OD 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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