

## INDUSTRIAL COMPONENT DATA

# NBC-M12MR/ 2,0-94B US 1406116 PHOENIX CONTACT

## Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-MR/ 2,0-94B SCO US



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | NBC-MR/ 2,0-94B SCO US     |
| Catalog number  | 1406116                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-539A2EBE6E              |
| Generated       | 2026-08-05                 |

## Product Overview

Network cable

Network cable, CAT5 Ethernet (1 GBit/s), 8-pole halogen-free, shielded, M12 angled connector, coding: A/IP67, to free cable end, cable length: 2 m

Network cable, Ethernet CAT5 (1 Gbps), 8-position, PUR halogen-free, water blue RAL 5021, shielded, Plug angled M12, coding: A / IP67, on free cable end, cable length: 2 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, U.S. cables

Sensor type Ethernet

Number of positions 8

Shielded yes

Coding A

InterfacesBus system Ethernet

Signal type/category Ethernet CAT5 (based on IEC 11801), 1 Gbps

SignalingStatus display no

Status display present No

Electrical propertiesNominal voltage UN 48 V AC

60 V DC

Nominal current IN 2 A

Transmission medium Copper

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

ConnectorConnection 1

Type Plug angled M12 / IP67

Coding type A (Standard)

Material CuZn (Contact)

Ni/Au (Contact surface)

TPU GF (Contact carriers)

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

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

Degree of protection IP67

Connection 2

Type free cable end

Cable/lineCable length 2 m

Ethernet flexible CAT5, 4-pair [94B]

Dimensional drawing

Cable weight 47 kg/km

UL AWM Style 20963 (80°C/30 V)

Number of positions 8

Shielded yes

Cable type Ethernet flexible CAT5, 4-pair [94B]

Conductor structure 4x2xAWG26/7, SF/UTP

Signal runtime 5.3 ns/m

Conductor structure signal line 7x 0.16 mm

AWG signal line 26

Conductor cross section 4x 2x 0.14 mm<sup>2</sup>

Wire diameter incl. insulation 0.96 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 Foamed PE

Single wire, color white/blue-blue, white/orange-orange, white/green-green, white/brown-brown

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-MR/ 2,0-94B SCO US with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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