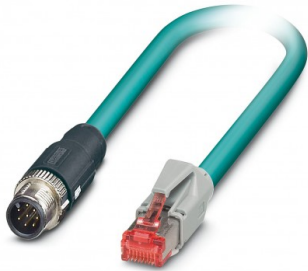


INDUSTRIAL COMPONENT DATA

NBC-MS/ 1,0-94B/R4AC SCO 1407414 PHOENIX CONTACT

Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-MS/ 1,0-94B/R4AC SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-MS/ 1,0-94B/R4AC SCO
Catalog number	1407414
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-CD451169DC
Generated	2026-08-05

Product Overview

Network cable

Network cable, CAT5 Ethernet (1 GBit/s), 8-pole, shielded, M12 straight connector, coding: A SPEEDCON / IP67, to RJ45 / IP20 straight connector, cable length: 1 m

Network cable, Ethernet CAT5 (1 Gbps), 8-position, PUR halogen-free, water blue RAL 5021, shielded, Plug straight M12 SPEEDCON, coding: A / IP67, on Plug straight RJ45 / IP20, cable length: 1 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 dataNotesGeneral Further products with variable cable type and variable cable length can be found in the accessories section

Product propertiesProduct type Data cable preassembled

Application Standard

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 30 V AC
30 V DC

Nominal current IN 1 A

Transmission medium Copper

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

ConnectorConnection 1

Type Plug straight M12 SPEEDCON / IP67

Number of positions 8

Locking type SPEEDCON

Coding type A (Standard)

Handle color black

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)

Insertion/withdrawal cycles ≥ 100

Insulation resistance $\geq 100 \text{ M}\Omega$

Tightening torque 0.4 Nm

Degree of protection IP67

Ambient temperature (operation) -25 °C ... 90 °C

Connection 2

Type Plug straight RJ45 / IP20

Number of positions 8 (8)

Handle color gray

Material CuSn (Contact)
Ni/Au (Contact surface)
PC (Contact carriers)
PA (Housing)

Insertion/withdrawal cycles ≥ 750

Degree of protection IP20

Ambient temperature (operation) -25 °C ... 60 °C

Cable/lineCable length 1 m

Ethernet flexible CAT5, 4-pair [94B]

Dimensional drawing

Cable weight 47 kg/km

UL AWM Style 20963 (80°C/30 V)...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-MS/ 1,0-94B/R4AC SCO 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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