

INDUSTRIAL COMPONENT DATA

NBC-M12MS/ 0,5-94B/R4AC US 1408749 PHOENIX CONTACT

Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-MS/ 0,5-94B/R4AC SCO US



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-MS/ 0,5-94B/R4AC SCO US
Catalog number	1408749
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-F7C4A79AA5
Generated	2026-08-05

Product Overview

Network cable

Network cable, CAT5 Ethernet (1 GBit/s), 8-pole halogen-free, shielded, M12 straight connector, encoding: A / IP67, a RJ45 / IP20 straight connector, cable length: 0.5 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

Key Commercial Data

Orderkey 1408749

Packing unit 1 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356828574

Weight per Piece (excluding packing) 22.220 g

Custom tariff number 85444210

Country of origin US (United States)

Dimensions

Length of cable 0.5 m

Ambient conditions

Degree of protection IP65 (M12 connector)

IP67 (M12 connector)

IP20 (RJ45 connector)

Ambient temperature (operation) -25 °C ... 85 °C (M12 connector)

-25 °C ... 60 °C (RJ45 connector)

General data

Rated current at 40°C 1 A

Rated voltage 48 V AC

60 V DC

Number of positions 8

Signal type/category Ethernet CAT5 (on the basis of IEC 11801), 1 Gbps

Standards/regulations M12 connector IEC 61076-2-101

Contact material CuSn

Contact carrier material TPU GF

Contact surface material Ni/Au

Housing material Plastic

Characteristics head 1

Head type Plug straight M12 SPEEDCON / IP67

Coding A (Standard)

Characteristics head 2

Head type Plug straight RJ45 / IP20

Standards and Regulations

Standard designation M12 connector

Standards/regulations IEC 61076-2-101

Cable

Cable type Ethernet, flexible, CAT5

Cable type (abbreviation) 94B

UL AWM style 20963 (80°C/30 V)

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

Cable structure 4x2xAWG26/7; SF/UTP

Conductor cross section 4x 2x 0.14 mm²

AWG signal line 26

Conductor structure signal line 7x 0.16 mm

Core diameter including insulation 0.96 mm

Wire colors white/blue-blue, white/orange-orange, white/green-green, white/brown-brown

Twisted pairs 2 c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-MS/ 0,5-94B/R4AC SCO US 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.