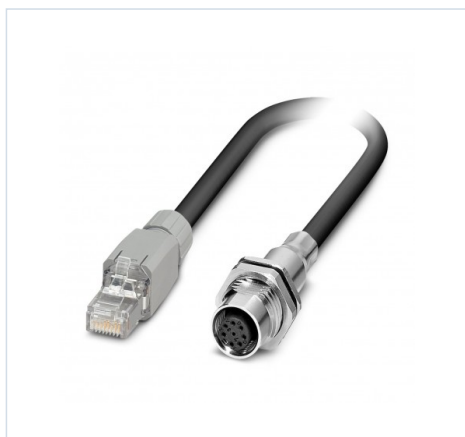


INDUSTRIAL COMPONENT DATA

NBC-M12FSBP-PG9/5,0-94D/R4AQ 1413001 PHOENIX CONTACT Network cable NBC-M12FSBP-PG9/5,0-94D/R4AQ 1413001

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12FSBP-PG9/5,0-94D/R4AQ



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12FSBP-PG9/5,0-94D/R4AQ
Catalog number	1413001
Category	Patch cord copper (twisted pair)
Minimum order	50 Pcs
Document ID	EO-471047D62C
Generated	2026-08-06

Product Overview

Network cable - NBC-M12FSBP-PG9/5,0-94D/R4AQ - 1413001

Network cable, cable length: 5 m, number of poles: 8, Ethernet

Network cable, cable length: 5 m, number of positions: 8, 1 Gbps, Ethernet

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 > Field Device Connectors (FDC)

Additional Product Information

Technical dataMounting type Rear wall/screw mounting

Product propertiesProduct type Circular connectors (device side)

Sensor type Ethernet

Number of positions 8

Shielded yes

Insulation characteristics

Degree of pollution 3

Material specificationsFlammability rating according to UL 94 V2

Electrical propertiesRated voltage (III/3) 72 V (DC)

Transmission medium Copper

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

ConnectorConnection 1

Type Flush-type female connector straight M12

Coding type A

Degree of protection IP65/IP67

Connection 2

Type Plug straight RJ45

Degree of protection IP20

Cable/lineCable length 5.00 m

Ethernet [94D]

Dimensional drawing

UL AWM Style 2464 (80°C/300 V)

Number of positions 8

Shielded yes

Cable type Ethernet [94D]

Conductor structure 4x2xAWG26/7, SF/UTP

Signal speed 0.6 c

Conductor structure signal line 7x 0.16 mm

AWG signal line 26

Conductor cross section 4x 2x 0.14 mm²

Wire diameter incl. insulation 0.98 mm ±0.05 mm

External cable diameter 6.40 mm ±0.2 mm

Outer sheath, material PVC (reinforced) UV-resistant

External sheath, color black RAL 9005

Conductor material Bare Cu litz wires

Material wire insulation PP

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

Thickness, outer sheath 0.80 mm

Twisted pairs 2 cores to the pair

Overall twist 4 pairs, twisted

Optical shield covering 85 %

Max. conductor resistance < 140 ?/km

Insulation resistance >= 5 G?*km

Wave impedance 100 ? ±15 ? (at 4

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12FSBP-PG9/5,0-94D/R4AQ 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.