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-4949216712
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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 dataMountingMounting 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

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