INDUSTRIAL COMPONENT DATA

NBC-M12FR/5,0-971/R4AQ VR 1412811 PHOENIX CONTACT Network cable NBC-M12FR/5,0-971/R4AQ VR 1412811

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12FR/5,0-971/R4AQ VR



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12FR/5,0-971/R4AQ VR
Catalog number	1412811
Category	Sensor-actuator patch cord
Minimum order	10 Pcs
Document ID	EO-8FBB0D95A9
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Product Overview

Network cable - NBC-M12FR/5,0-971/R4AQ VR - 1412811
Network cable, protection index: IP20, cable length: 5 m, number of poles: 6, CAT5, color: black, VARAN
Network cable, degree of protection: IP20, cable length: 5 m, number of positions: 6, 100 Mbps, CAT5, color: black, VARAN

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 dataProduct propertiesProduct type Data cable preassembled
Type M12
Sensor type VARAN
Number of positions 6
No. of cable outlets 1
Shielded yes
Coding A
Data management status
Article revision 08
Insulation characteristics
Overvoltage category I
Degree of pollution 1
Electrical propertiesRated voltage (III/3) 72 V (DC)

Contact resistance <= 5 m?
Insulation resistance >= 100 M?
Nominal voltage UN 30 V
Nominal current IN 2 A
Transmission medium Copper
Transmission characteristics (category) CAT5 (IEC 11801:2002)
Transmission speed 100 Mbps
Material specificationsColor black
Material PC
PA
Material of grip body TPU, hardly inflammable, self-extinguishing
Contact material CuZn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material for screw connection Zinc die-cast, nickel-plated
Outer sheath, material SANTOPRENE halogen-free
ConnectorConnection 1
Type Socket angled M12
Locking type SPEEDCON
Coding type A
Insertion/withdrawal cycles >= 100
Degree of protection IP65/IP67
Connection 2
Type Plug straight RJ45
Insertion/withdrawal cycles >= 750
Degree of protection IP20
Cable/lineCable length 5.00 m
VARAN PVC [971]
UL AWM Style 2461 (80°C/300 V)
Number of positions 6
Shielded yes
Cable type VARAN PVC [971]
Conductor structure 1x2x24/32+2x2x24/19, SF/UTP
Signal runtime 5.3 ns/m
Conductor structure signal line 19x 0.13 mm
AWG signal line 24
Conductor cross section 2x 2x 0.25 mm² (Signal line)
2x 0.25 mm² (Power supply)
Wire diameter incl. insulation 1.25 mm (Sig...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12FR/5,0-971/R4AQ VR 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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