INDUSTRIAL COMPONENT DATA

# NBC-M12MS/5,0-971/R4AQ VR 1412819 PHOENIX CONTACT Network cable

**Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MS/5,0-971/R4AQ VR**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | NBC-M12MS/5,0-971/R4AQ VR |
| Catalog number | 1412819 |
| Category | Patch cord copper (twisted pair) |
| Minimum order | 10 Pcs |
| Document ID | EO-D43979DDC8 |
| Generated | 2026-11-18 |

## Product Overview

Network cable
Ready-made VARAN cable, shielded, flexible, black, M12 connector, straight, SPEEDCON, 6 pin in RJ45/IP20 connector, QUICKON, length: 5 m
Assembled VARAN cable, shielded, stranded, black, straight M12 plug, SPEEDCON, 6-pos. to RJ45 plug/IP20, QUICKON, length: 5 m

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Field Device Connectors (FDC) |

## Additional Product Information

Technical dataProduct propertiesProduct type Data cable preassembled
Sensor type VARAN
Number of positions 6
No. of cable outlets 1
Shielded yes
Coding A
Cable outlet straight
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)
Material specificationsColor black
Material PC
PA
Flammability rating according to UL 94 V0
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 Plug straight M12
Coding type A
Insertion/withdrawal cycles >= 100
Degree of protection IP20
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-M12MS/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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