INDUSTRIAL COMPONENT DATA

NBC-M12FR/1,5-971/R4AQ VR 1412403 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12FR/1,5-971/R4AQ VR



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12FR/1,5-971/R4AQ VR
Catalog number	1412403
Category	Patch cord copper (twisted pair)
Minimum order	50 Pcs
Document ID	EO-628F446D7C
Generated	2026-11-19

Product Overview

Network cable
Ready-made VARAN cable, shielded, flexible, black, M12 female connector, angled, SPEEDCON, 6 pin in RJ45/IP20 connector, QUICKON, length: 1.5 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 > Field Device Connectors (FDC)

Additional Product Information

Key Commercial Data
Orderkey 1412403
Packing unit 1 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
GTIN 4046356962445
Weight per Piece (excluding packing) 22.220 g
Custom tariff number 85444290
Country of origin PL (Poland)
Ambient conditions
Degree of protection IP20
Ambient temperature (operation) 0 °C ... 50 °C (for installation)
-20 °C ... 80 °C (cable, fixed installation)

-25 °C ... 90 °C (Plug / socket)
General data
Rated current at 40°C 2 A
Rated voltage 30 V
Number of positions 6
Overvoltage category I
Degree of pollution 1
Rated voltage (III/3) 72 V (DC)
Contact material CuZn
Contact carrier material TPU GF
Contact surface material Ni/Au
Standards and Regulations
Flammability rating according to UL 94 V0
Cable
Cable type VARAN
Cable type (abbreviation) 971
UL AWM style 2461 (80°C/300 V)
Signal type/category VARAN CAT5 (IEC 11801), 100 Mbps
Cable structure 1X2X24/32+2X2X24/19; SF/UTP
Conductor cross section 2x 2x 0.25 mm² (Signal line)
2x 0.25 mm² (Power supply)
AWG signal line 24
AWG power supply 24
Conductor structure signal line 19x 0.13 mm
Conductor structure, voltage supply 32x 0.10 mm
Core diameter including insulation 1.25 mm (Signal line)
1.4 mm (Power supply)
Wire colors Blue-yellow, green-orange, red-blue
Twisted pairs 2 cores to the pair
Overall twist 3 pairs with filler elements to the core
Shielding Aluminum-coated foil, tinned copper braided shield
Optical shield covering 85 %
External sheath, color black
Outer sheath thickness 0.9....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12FR/1,5-971/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

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.