INDUSTRIAL COMPONENT DATA

NBC-M12MSD/ 3,0-93B/R4AQ 1403496 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MSD/ 3,0-93B/R4AQ



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12MSD/ 3,0-93B/R4AQ
Catalog number	1403496
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-58604C5797
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Product Overview

Network cable
Network cable, PROFINET CAT5 (100 MBit/s), EtherCAT® CAT5 (100 MBit/s), 4-pole, shielded (Advanced Shielding Technology), M12 straight connector, encoding: D / IP67, a RJ45 / IP20 straight connector, cable length: 3 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 > Industrial Field Connectivity (IFC)

Additional Product Information

Key Commercial Data
Orderkey 1403496
Packing unit 1 pc
GTIN 4046356656160
Weight per Piece (excluding packing) 226.200 g
Custom tariff number 85444210
Country of origin PL (Poland)
Mechanical characteristics
Number of positions 4
Shielded yes
Insertion/withdrawal cycles >= 100
Cable diameter 6.50 mm
Cable outlet straight

Cable structure 1x4xAWG22/7; SF/TQ
Length of cable 3 m
No. of cable outlets 1
Ambient conditions
Ambient temperature (operation) -25 °C ... 60 °C (cable, fixed installation)
-5 °C ... 50 °C (cable, flexible installation)
Degree of protection IP65 (M12 connector)
IP20 (RJ45 connector)
Material data
Flammability rating according to UL 94 V0
Outer sheath, material PVC
External sheath, color green RAL 6018
Electrical characteristics
Transmission characteristics (category) CAT5 (IEC 11801:2002)
Standards and Regulations
Flammability rating according to UL 94 V0
Line characteristics
Cable type PROFINET PVC stranded CAT5
Cable abbreviation 2YY(ST)CY
UL AWM style 21694
Cable structure 1x4xAWG22/7; SF/TQ
Conductor cross section 4x 0.34 mm²
AWG signal line 22
Conductor structure signal line 7x 0.25 mm
Core diameter including insulation 1.55 mm
External cable diameter 6.5 mm ±0.2 mm
Wire colors White, yellow, blue, orange
External sheath, color green RAL 6018
Transmission medium Copper
Insulation resistance >= 500 M?*km
Wave impedance 100 ? ±15 ? (at 100 MHz)
Near end crosstalk attenuation (NEXT) 80 dB (with 1 MHz)
76 dB (at 4 ?Hz)
70 dB (at 10 MHz)
65 dB (at 16 MHz)
63....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MSD/ 3,0-93B/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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