INDUSTRIAL COMPONENT DATA

NBC-M12MS/ 0,5-94B/M12FS US 1408747 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MS/ 0,5-94B/M12FS US



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12MS/ 0,5-94B/M12FS US
Catalog number	1408747
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-321DF0145E
Generated	2026-11-19

Product Overview

Network cable
Network cable, CAT5 Ethernet (1 GBit/s), 8-pole halogen-free, shielded, M12 straight connector, encoding: A/IP67, to M12 straight female, encoding: A/IP67, cable length: 0.5 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 > Industrial Field Connectivity (IFC)

Additional Product Information

Key Commercial Data
Orderkey 1408747
Packing unit 1 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
GTIN 4046356828598
Weight per Piece (excluding packing) 22.220 g
Custom tariff number 85444210
Country of origin US (United States)
Dimensions
Length of cable 0.5 m
Ambient conditions
Degree of protection IP65

IP67
Ambient temperature (operation) -25 °C ... 85 °C (M12 connector)
General data
Rated current at 40°C 2 A
Rated voltage 48 V AC
60 V DC
Number of positions 8
Signal type/category Ethernet CAT5 (on the basis of IEC 11801), 1 Gbps
Standards/regulations M12 connector IEC 61076-2-101
Contact material CuSn
Contact carrier material TPU GF
Contact surface material Ni/Au
Characteristics head 1
Head type Plug straight M12 SPEEDCON / IP67
Coding A (Standard)
Characteristics head 2
Head type Socket straight M12 SPEEDCON / IP67
Coding A (Standard)
Color black
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-101
Cable
Cable type Ethernet, flexible, CAT5
Cable type (abbreviation) 94B
UL AWM style 20963 (80°C/30 V)
Signal type/category Ethernet CAT5 (IEC 11801), 1 Gbps
Cable structure 4x2xAWG26/7; SF/UTP
Conductor cross section 4x 2x 0.14 mm²
AWG signal line 26
Conductor structure signal line 7x 0.16 mm
Core diameter including insulation 0.96 mm
Wire colors white/blue-blue, white/orange-orange, white/green-green, white/brown-brown
Twisted pairs 2 cores to the pair
Overall twist 4 pairs for core
Shielding Aluminum-coat...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MS/ 0,5-94B/M12FS US 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.