INDUSTRIAL COMPONENT DATA

NBC-M12MSX/20,0-94F/R4AC CMC 1440656 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MSX/20,0-94F/R4AC CMC



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12MSX/20,0-94F/R4AC CMC
Catalog number	1440656
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-333BCE37C3
Generated	2026-11-18

Product Overview

Network cable
Network cable, CAT6A Ethernet (10 GBit/s), 8-pole, M12 straight connector, encoding: X SPEEDCON / IP65, to RJ45 / IP20 straight connector, cable length: 20 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 1440656
Packing unit 1 pc
Catalog page Page 304 (PC-2011)
GTIN 4046356504577
Weight per Piece (excluding packing) 800.000 g
Custom tariff number 85444290
Country of origin PL (Poland)
Dimensions
Length of cable 20 m
Ambient conditions
Degree of protection IP65 (M12 connector)
IP67 (M12 connector)

IP20 (RJ45 connector)
Ambient temperature (operation) -20 °C ... 60 °C
General data
Rated current at 40°C 0.5 A
Rated voltage 48 V AC
60 V DC
Number of positions 8
Signal type/category Ethernet CAT6A, 10 Gbps
Overvoltage category I
Degree of pollution 1
Alternative short product description Ethernet cable
Characteristics head 1
Head type Plug straight M12 SPEEDCON / IP65
No. of positions (pin connector pattern) 8 (8)
Coding X (Data)
Color black
Shielded yes
Characteristics head 2
Head type Plug straight RJ45 / IP20
No. of positions (pin connector pattern) 8 (8)
Color gray
Shielded yes
Cable
Cable type Ethernet 10 Gbit
Cable type (abbreviation) 94F
UL AWM style 20963 (80°C/30 V)
Signal type/category Ethernet CAT6A, 10 Gbps
Cable structure 4x2xAWG26/7; S/FTP
Conductor cross section 4x 2x 0.14 mm²
AWG signal line 26
Conductor structure signal line 7x 0.16 mm
Core diameter including insulation 1.04 mm
Wire colors white/blue-blue, white/orange-orange, white/green-green, white/brown-brown
Twisted pairs 2 cores to the pair
Type of pair shielding Aluminum-lined foil
Overall twist 4 pairs for core
Shielding Tinned copper braided shield
Optical shield covering 70....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MSX/20,0-94F/R4AC CMC 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.