INDUSTRIAL COMPONENT DATA

NBC-M12MSX/50,0-94F 1089053 PHOENIX CONTACT Network cable, Ethernet CAT6

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MSX/50,0-94F



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12MSX/50,0-94F
Catalog number	1089053
Category	Sensor-actuator patch cord
Minimum order	10 Pcs
Document ID	EO-38A8FAB978
Generated	2026-11-18

Product Overview

Network cable, Ethernet CAT6
Network cable, Ethernet CAT6A (10 GBit/s), CC-Link IE CAT6A (10 GBit/s), 8-pole halogen-free, shielded (Advanced Shielding Technology), Straight M12 connector, encoding: X / IP67, a free cable end, cable length: 50 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 1089053
Packing unit 1 pc
Minimum order quantity 10 pc
GTIN 4055626892818
Weight per Piece (excluding packing) 2,260.000 g
Custom tariff number 85444290
Country of origin PL (Poland)
Drawings
Ambient conditions
Characteristics head 1
Standards and Regulations
Environmental Product Compliance

Dimensions
General data
Characteristics head 2
Cable
Classifications
Drawings
Dimensional drawing
Plug, M12 x 1, straight, shielded
Circuit diagram
Contact assignment of the M12 plug
Schematic diagram
Pin assignment of M12 plug, 8-pos., X-coded, pin side view
Cable cross section
Ethernet 10 Gbit [94F]
Back to topDimensions
Length of cable 50 m
Back to topAmbient conditions
Ambient temperature (operation) -25 °C ... 90 °C (M12 connector)
Back to topGeneral data
Note Further products with variable cable type and variable cable length can be found in the accessories section
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
CC-Link IE CAT6A, 10 Gbps
Standards/regulations M12 connector IEC 61076-2-109
Back to topCharacteristics head 1
Head type Plug straight M12 SPEEDCON / IP67
No. of positions (pin connector pattern) 8
Coding X (Data)
Color black
Material (component) CuZn (Contact)
Ni/Au (Contact surface)
PP (Contact carriers)
TPU, hardly inflammable, self-extinguishing (Grip)
Zinc die-cast, nickel-plated (Screw connection)
Insulation resistance >= 100 M?
Insertion/withdrawal cycles >= 100
T...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MSX/50,0-94F 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.