

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-CFB36263D1
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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 top](#)Dimensions

Length of cable 50 m

[Back to top](#)Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (M12 connector)

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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 top](#)Characteristics 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 Ω

Insertion/withdrawal cycles ≥ 100

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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

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