

**INDUSTRIAL COMPONENT DATA**

# NBC-M12FS/ 1,0-94B/M12FS 1069288 PHOENIX CONTACT Bus system cable NBC-M12FS/ 1,0-94B/M12FS 1069288

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12FS/ 1,0-94B/M12FS



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | NBC-M12FS/ 1,0-94B/M12FS   |
| Catalog number  | 1069288                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-3208DBCD69              |
| Generated       | 2026-08-04                 |

## Product Overview

Bus system cable - NBC-M12FS/ 1,0-94B/M12FS - 1069288

Bus system cable, 8-pole, Straight female M12, coding: A, a Straight female M12, coding: A, cable length: 1 m

Bus system cable, 8-pin, halogen-free, PUR sea blue RAL 5021, M12 straight socket, coding: A, on M12 straight socket, coding: A, cable length: 1 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

Bus system cable, 8-position, PUR, water blue RAL 5021, Socket straight M12, coding: A, on Socket straight M12, coding: A, cable length: 1 m

Key Commercial Data

Orderkey 1069288

Packing unit 1

GTIN 4055626744490

Custom tariff number 85444290

Dimensions

Length of cable 1 m

Ambient conditions

Degree of protection IP65

IP67

Ambient temperature (operation) -25 °C ... 90 °C (Plug / socket)

-40 °C ... 70 °C (cable, fixed installation)

-10 °C ... 50 °C (cable, flexible installation)

General data

Rated current at 40°C 2 A

Rated voltage 30 V AC

30 V DC

Number of positions 8

Overvoltage category II

Degree of pollution 3

Contact material CuZn

Contact carrier material TPU GF

Contact surface material Ni/Au

Characteristics head 1

Head type Socket straight M12

Coding A (Standard)

Characteristics head 2

Head type Socket straight M12

Coding A (Standard)

Standards and Regulations

Flammability rating according to UL 94 HB

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 mm<sup>2</sup>

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-coated foil, tinned copper braided shield

Optical shield covering 70 %

Ex...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12FS/ 1,0-94B/M12FS with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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