

INDUSTRIAL COMPONENT DATA

NBC-100,0-93G PC 1089624 PHOENIX CONTACT Network cable, EtherCAT

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-100,0-93G PC



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-100,0-93G PC
Catalog number	1089624
Category	Patch cord copper (twisted pair)
Minimum order	1 Pcs
Document ID	EO-25BFA3A0FB
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Product Overview

Network cable, EtherCAT

Network cable, EtherCAT® CAT5 (100 MBit/s), 4-pole, shielded, free cable end, to free cable end, cable length: 100 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)
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Additional Product Information

Key Commercial Data

Orderkey 1089624

Packing unit 1

GTIN 4055626902876

Custom tariff number 85444995

Drawings

General data

Characteristics head 2

Environmental Product Compliance

Dimensions

Characteristics head 1

Cable

Classifications

Drawings

Cable cross section

PROFINET PVC stranded CAT5 [93B]

[Back to top](#)Dimensions

Length of cable 100 m

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Number of positions 4

Signal type/category EtherCAT®CAT5 (IEC 11801:2002), 100 Mbps

[Back to top](#)Characteristics head 1

Head type free cable end

[Back to top](#)Characteristics head 2

Head type free cable end

[Back to top](#)Cable

Cable type PROFINET PVC stranded CAT5

Cable type (abbreviation) 93B

UL AWM style 21694

Signal type/category PROFINET CAT5 (IEC 11801), 100 Mbps

EtherCAT®CAT5 (IEC 11801), 100 Mbps

Cable structure 1x4xAWG22/7; SF/TQ

Conductor cross section 4x 0.34 mm²

AWG signal line 22

Conductor structure signal line 7x 0.25 mm

Core diameter including insulation 1.55 mm

Wire colors White, yellow, blue, orange

Overall twist Star quad

Shielding Aluminum-coated foil, tinned copper braided shield

Optical shield covering 85 %

External sheath, color green RAL 6018

Outer sheath thickness approx. 0.9 mm

External cable diameter D 6.5 mm ±0.2 mm

Minimum bending radius, fixed installation 3 x D

Minimum bending radius, flexible installation 7 x D

Cable weight 67 kg/km

Outer sheath, material PVC

Material, inner sheath PVC

Material conductor insulation PE

Conductor material Tin-plated Cu litz wires

Insulation resistance >= 500 M?*km....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-100,0-93G PC 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

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