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-3985A01AE9
Generated	2026-11-18

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)

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 topDimensions
Length of cable 100 m
Back to topGeneral data
Number of positions 4
Signal type/category EtherCAT®CAT5 (IEC 11801:2002), 100 Mbps
Back to topCharacteristics head 1
Head type free cable end
Back to topCharacteristics head 2
Head type free cable end
Back to topCable
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

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.