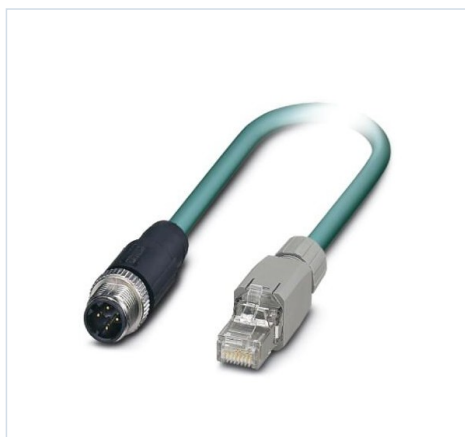


INDUSTRIAL COMPONENT DATA

NBC-MSD/ 4,0-939/R4AQ SCO RAIL 1081285 PHOENIX CONTACT Network cable, PROFINET CAT5 (100 Mbps), 4-position, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-MSD/ 4,0-939/R4AQ SCO RAIL



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-MSD/ 4,0-939/R4AQ SCO RAIL
Catalog number	1081285
Category	Patch cord copper (twisted pair)
Minimum order	24 Pcs
Document ID	EO-E02E2312D7
Generated	2026-08-05

Product Overview

Network cable, PROFINET CAT5 (100 Mbps), 4-position, PE-X halogen-free, black, shielded, Plug straight M12 SPEEDCON / IP65, coding: D, on Plug straight RJ45 Push Pull / IP67, cable length: 4 m, Product tested according to customer specification/rail application

Network cable, PROFINET CAT5 (100 MBit/s), 4-pole halogen-free, shielded, M12 straight connector, coding: D SPEEDCON / IP65, a RJ45 Push-pull / IP67 straight connector, cable length: 4 m, Item tested according to customer specification/railway application

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 1081285

Packing unit 1

GTIN 4055626807997

Custom tariff number 85444290

Drawings

Ambient conditions

Characteristics head 1

Standards and Regulations

Classifications

Dimensions

General data

Characteristics head 2

Cable

Drawings

Dimensional drawing

RJ45 Push-Pull connector, IP67

Schematic diagram

Pin assignment M12 male connector, 4-pos., D-coded, male side

Schematic diagram

Connector pin assignment plug RJ45

Cable cross section

PROFINET railway applications [939]

[Back to top](#)Dimensions

Length of cable 4 m

[Back to top](#)Ambient conditions

Ambient temperature (operation) -25 °C ... 85 °C (M12 connector)

[Back to top](#)General data

Note The cable is 100% electrically tested for continuity.

Rated current at 40°C 4 A

Rated voltage 48 V AC

60 V DC

Number of positions 4

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

Standards/regulations M12 connector IEC 61076-2-101

Overvoltage category II

Degree of pollution 3

Contact material CuSn

Contact carrier material TPU GF

Contact surface material Ni/Au

Housing material Plastic

[Back to top](#)Characteristics head 1

Head type Plug straight M12 SPEEDCON / IP65

No. of positions (pin connector pattern) 4

Coding D (Data)

Color black

Material (component) CuSn (Contact)

Ni/Au (Contact surface)

PA (Contact carriers)

TPU, hardly inflammable, self-extinguishing (Grip)

Zinc die-cast, nickel-plated (Screw connection)

Shielded yes

Insulation resistance ≥ 100 M Ω

Insertion/withdrawal cycles ≥ 100

Torque 0.4 Nm

Ambient temperatur...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-MSD/ 4,0-939/R4AQ SCO RAIL 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.