

INDUSTRIAL COMPONENT DATA

NBC-MSD/42,0-939/MSD SCO RAIL 1081336 PHOENIX CONTACT Network cable, PROFINET CAT5 (100 Mbps), 4-position, P..

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-MSD/42,0-939/MSD SCO RAIL



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-MSD/42,0-939/MSD SCO RAIL
Catalog number	1081336
Category	Sensor-actuator patch cord
Minimum order	4 Pcs
Document ID	EO-246B181967
Generated	2026-08-02

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 M12 SPEEDCON / IP65, coding: D, cable length: 42 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 M12 straight connector, coding: D SPEEDCON / IP65, cable length: 42 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)
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Additional Product Information

Key Commercial Data
Orderkey 1081336
Packing unit 1
GTIN 4055626809960
Custom tariff number 85444290
Drawings
General data
Characteristics head 2

Cable

Dimensions

Characteristics head 1

Standards and Regulations

Classifications

Drawings

Dimensional drawing

M12 SPEEDCON plug, straight, shielded

Circuit diagram

Contact assignment of the M12 plugs

Schematic diagram

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

Cable cross section

PROFINET railway applications [939]

[Back to top](#)Dimensions

Length of cable 42 m

[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

[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

Test voltage 500 V DC ± 15 V DC (for 60 s, insulation resistance according to DIN EN 60512-3-1)

1.4 kV AC (for 60 s, dielectric strength according to DIN EN 60512-4-1)

Insertion/withdrawal cycles $\geq 1...$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-MSD/42,0-939/MSD 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

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