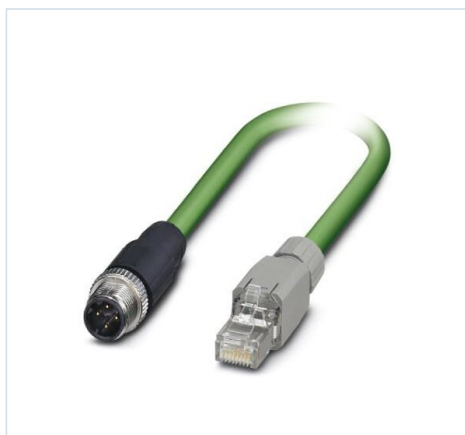


INDUSTRIAL COMPONENT DATA

NBC-M12MSD/10,0-93C/R4AQ WL 1404398 PHOENIX CONTACT Assembled PROFINET cable, CAT5e, shielded, star-quad, 22..

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MSD/10,0-93C/R4AQ WL



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12MSD/10,0-93C/R4AQ WL
Catalog number	1404398
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-840CE57122
Generated	2026-08-02

Product Overview

Assembled PROFINET cable, CAT5e, shielded, star-quad, 22 AWG flexible cable conduit capable (7-wire), RAL 6018 (yellow-green), M12 plug to RJ45 plug/IP20, line, length: 10 m

Ready-made PROFINET cable, CAT5e, shielded, star quads, AWG 22 suitable for power supply chains (7 wires), RAL 6018 (yellow-green), M12 connector to RJ45/IP20 connector, Line, length 10 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 1404398

Packing unit 1

GTIN 4046356693592

Custom tariff number 85444210

Drawings

Ambient conditions

Line characteristics

Electrical characteristics

Classifications

Mechanical characteristics

Material data

Standards and Regulations

Environmental Product Compliance

Drawings

Dimensional drawing

RJ45 connector, IP20

Dimensional drawing

Plug, M12 x 1, straight, shielded

Cable cross section

PROFINET drag chain CAT5 [93C]

[Back to top](#)Mechanical characteristics

Overvoltage category I

Degree of pollution 3

Cable outlet straight

No. of cable outlets 1

[Back to top](#)Ambient conditions

Ambient temperature (operation) -10 °C ... 60 °C (cable, fixed installation)

-10 °C ... 60 °C (cable, flexible installation)

[Back to top](#)Material data

Flammability rating according to UL 94 V0

[Back to top](#)Line characteristics

Cable type PROFINET

Cable structure 1x4xAWG22/7; SF/TQ

Conductor cross section 0.34 mm²

AWG signal line 22

Conductor structure signal line 7x 0.25 mm

Core diameter including insulation approx. 1.5 mm

External cable diameter 6.50 mm

Wire colors White, yellow, blue, orange

External sheath, color green RAL 6018

Transmission characteristics (category) CAT5 (IEC 11801:2002)

Wave impedance 100 Ω ±15 Ω (at 1 ... 100 MHz)

Outer sheath, material PUR

Conductor material Tin-plated Cu litz wires

Cable weight 61.00 kg/km

Smallest bending radius, fixed installation 33 mm

Smallest bending radius, movable installation 50 mm

Max. bending cycles 3000000

Bending radius 200 mm

Tra...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MSD/10,0-93C/R4AQ WL 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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