INDUSTRIAL COMPONENT DATA

NBC-M12MSD/ 2,0-93C/R4AQ WL 1404397 PHOENIX CONTACT Assembled PROFINET cable, CAT5e, shielded, star quad, AW..

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MSD/ 2,0-93C/R4AQ WL



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12MSD/ 2,0-93C/R4AQ WL
Catalog number	1404397
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-7A54B745B6
Generated	2026-11-18

Product Overview

Assembled PROFINET cable, CAT5e, shielded, star quad, AWG 22 flexible cable conduit capable (7-wire), RAL 6018 (yellow-green), M12 plug on RJ45 plug/IP20, line, length 2 m
Ready-made PROFINET cable, CAT5e, shielded, star quadrage, AWG 22 suitable for energy chains (7 wires), RAL 6018 (yellow-green), M12 male connector to RJ45/IP20 male connector, Line, length 2 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 1404397
Packing unit 1
GTIN 4046356693585
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 topMechanical characteristics
Overvoltage category I
Degree of pollution 3
Cable outlet straight
No. of cable outlets 1
Back to topAmbient conditions
Ambient temperature (operation) -10 °C ... 60 °C (cable, fixed installation)
-10 °C ... 60 °C (cable, flexible installation)
Back to topMaterial data
Flammability rating according to UL 94 V0
Back to topLine 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 ? ±15 ? (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/ 2,0-93C/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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