INDUSTRIAL COMPONENT DATA

# SPE-T1-M12MS/ 1,0-99B 1478364 PHOENIX CONTACT Network cable, Single Pair Ethernet CAT B (1 GBit/s), 2-pole, ..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: SPE-T1-M12MS/ 1,0-99B**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | SPE-T1-M12MS/ 1,0-99B |
| Catalog number | 1478364 |
| Category | Sensor-actuator patch cord |
| Minimum order | 1 Pcs |
| Document ID | EO-9DAAB37873 |
| Generated | 2026-11-19 |

## Product Overview

Network cable, Single Pair Ethernet CAT B (1 GBit/s), 2-pole, halogen-free PUR, green, shielded (Advanced Shielding Technology), Straight connector M12-SPE / IP67, to free cable end, cable length: 1 m
Network cable, Single Pair Ethernet CAT B (1 GBit/s), 2-pole halogen-free, shielded (Advanced Shielding Technology), M12-SPE / IP67 straight connector, to free cable end, cable length: 1 m

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Field Connectivity (IFC) |

## Additional Product Information

Technical dataItem PropertiesProduct Type Ready-made data cable
Sensor Type Single Pair Ethernet
Number of poles 2
application Standard
Number of Cable Outlets 1
Shielded Yes
Insulation Properties
Surge Category I
InterfacesBus system Ethernet
Signal Type/Category Single Pair Ethernet CAT B (ISO/IEC 63171), 1 Gb/s
SignageStatus Indication No
Available Status Indication No

Electrical PropertiesNominal voltage UN 72 V DC
Transmission Medium copper
Material DataFlammability class according to UL 94 V0
ConnectorsConnection 1
Construction M12-SPE / IP67 Straight Connector
Shielded Yes
Plug Cycles <= 100
Protection Index IP67
Ambient Temperature (Service) -25 °C ... 85 °C
Connection 2
Construction Free Cable End
Cable/LineCable length 3 /
Single Pair Ethernet PUR Flexible Green [99B]
Dimension Scheme
Cable Weight 42 kg/km
UL AWM Style 20233 (80°C/300V)
Number of poles 2
Shielded Yes
Cable type Single Pair Ethernet PUR Flexible Green [99B]
Conductor Design 1 x 2 x AWG 22/7, S/FTP
Conductor Construction Signal Cable 7x
AWG Signal Line 22
Line Section 2x 0.34 mm²
Conductor diameter incl. insulation 1.8 mm
Cable Outer Diameter 5.8 mm ±0.3 mm
Outer Wrap, Material PUR
Outer Wrap, Color green
Conductive Material Naked Cu Conductor
Material: Conductor Insulation Foamed PE
Single Driver, Color white, blue
Wall Thickness Outer Wrap 0.8 mm
Pair wiring 2 conductors as pair
Total cabling 1 pair with lengthwise braided fillings
Visual Screen Cover 90 %
Insulation resistance >= 5 G?*km
Polishing r...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPE-T1-M12MS/ 1,0-99B 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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