

## INDUSTRIAL COMPONENT DATA

# SPE-T1- 2,0-99B/M12FS 1478369 PHOENIX CONTACT Network cable, Single Pair Ethernet CAT B (1 GBit/s), 2-pole, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPE-T1-2,0-99B/M12FS



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | SPE-T1-2,0-99B/M12FS       |
| Catalog number  | 1478369                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-A44997712B              |
| Generated       | 2026-08-04                 |

## Product Overview

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

Network cable, Single Pair Ethernet CAT B (1 Gbps), 2-position halogen-free, shielded (Advanced Shielding Technology), free cable end, on Socket straight M12-SPE / IP67, cable 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

Technical dataProduct propertiesProduct type Data cable preassembled  
Sensor type Single Pair Ethernet  
Number of positions 2  
Application Standard  
No. of cable outlets 1  
Shielded yes  
Insulation characteristics  
Overvoltage category I  
InterfacesBus system Ethernet  
Signal type/category Single Pair Ethernet CAT B (ISO/IEC 63171), 1 Gbps  
SignalingStatus display No  
Status display present No

Electrical propertiesNominal voltage UN 72 V DC  
Transmission medium Copper  
Material specificationsFlammability rating according to UL 94 V0  
ConnectorConnection 1  
Type free cable end  
Connection 2  
Type Socket straight M12-SPE / IP67  
Shielded yes  
Handle color black  
Material CuSn (Contact)  
Ni/Au (Contact surface)  
PP (Contact carriers)  
TPU, hardly inflammable, self-extinguishing (Grip)  
Zinc die-cast, nickel-plated (Screw connection)  
FKM (Seal)  
Insertion/withdrawal cycles  $\leq 100$   
Degree of protection IP67  
Ambient temperature (operation) -25 °C ... 85 °C  
Cable/lineCable length 2 m  
Single Pair Ethernet PUR flexible, green [99B]  
Dimensional drawing  
Cable weight 42 kg/km  
UL AWM Style 20233 (80°C/300 V)  
Number of positions 2  
Shielded yes  
Cable type Single Pair Ethernet PUR flexible, green [99B]  
Conductor structure 1 x 2 x AWG 22/7, S/FTP  
Conductor structure signal line 7x  
AWG signal line 22  
Conductor cross section 2x 0.34 mm<sup>2</sup>  
Wire diameter incl. insulation 1.8 mm  
External cable diameter 5.8 mm  $\pm 0.3$  mm  
Outer sheath, material PUR  
External sheath, color green  
Conductor material Bare Cu litz wires  
Material wire i...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPE-T1-2,0-99B/M12FS with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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