

INDUSTRIAL COMPONENT DATA

SPE-T1- 5,0-99B/M12FS 1478370 PHOENIX CONTACT Network cable, Single Pair Ethernet CAT B (1 GBit/s), 2-pole, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPE-T1-5,0-99B/M12FS



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPE-T1-5,0-99B/M12FS
Catalog number	1478370
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-2D33701278
Generated	2026-08-05

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: 5 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 specifications Flammability rating according to UL 94 V0

Connector Connection 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 ≤ 100

Degree of protection IP67

Ambient temperature (operation) $-25\text{ }^{\circ}\text{C} \dots 85\text{ }^{\circ}\text{C}$

Cable/line Cable length 5 m

Single Pair Ethernet PUR flexible, green [99B]

Dimensional drawing

Cable weight 42 kg/km

UL AWM Style 20233 ($80^{\circ}\text{C}/300\text{ V}$)

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 $2 \times 0.34\text{ mm}^2$

Wire diameter incl. insulation 1.8 mm

External cable diameter $5.8\text{ mm} \pm 0.3\text{ mm}$

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-T1-5,0-99B/M12FS 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.