Cable tester PROlinetest

Function

The PROlinetest is an indispensable tool for installation and troubleshooting in PROFINET and Industrial Ethernet. It detects installation mistakes and it checks wires and wire pairs for continuity, interruptions, short circuit, mixing-up and exceeding of line length. By measuring the total length of the cable and the distance to the error the line tester facilitates a troubleshooting enormously. The big graphical display and the intuitive menu guidance allow a simple handling.

Due to the configurable cable database unknown cables and wiring diagrams are a thing of the past. The usual cable assignments for PROFINET, T-568A and T-568B are already available. The tool checks all connected devices for availability of Power over Ethernet (PoE) and which power level is supported.

A certification of the cable connections according to Class or CAT and a storing of the measurement results are not provided by the PROlinetest.

Technical data

- Overvoltage protection: Up to 100 V
- Storage temperature: -25 to +75 °C
- Operating temperature: -5 to +50 °C
- 90 % relative humidity, non-condensing

Main Unit
- Housing: Solid, impact-resistant and weather-resistant ABS housing
- Weight: 380 g excl. battery
- Dimensions (H x W x D): 195 x 100/78 x 45 mm
- Batteries: 4 x 1,5 V Alkaline battery
- Battery lifetime: Approx. 40 hours

Remote Unit
- Housing: Solid, impact-resistant and weather-resistant ABS housing
- Weight: 30 g
- Dimensions (H x W x D): 61 x 41 x 26 mm

Range of functions

- Detection of all wiring mistakes
- Integrated cable database with predefined PROFINET wiring profiles
- Graphical display with backlight
- Measurement of cable lengths (TDR time domain reflectometer) up to 150 m
- Distance to error (interruptions / short circuits)
- Power over Ethernet load test (IEEE802.3af)

Scope of delivery

- PROlinetest
- PROlinetest Remote Unit
- Tool bag
- Adapter set RJ45 plug on a M12 socket for PROFINET
- Several testing cables with RJ45 plug, 2x banana plug 4 mm with crocodile clips, 2 m length
- Plug-in adapter RJ45/BNC
- User manual in German / English

Ordering details

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<th>PROlinetest</th>
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Accessories

| DRIVE-CLIQ measuring adapter | 112020030 |