

Line 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
90 % relative humidity, non-condensing
- 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

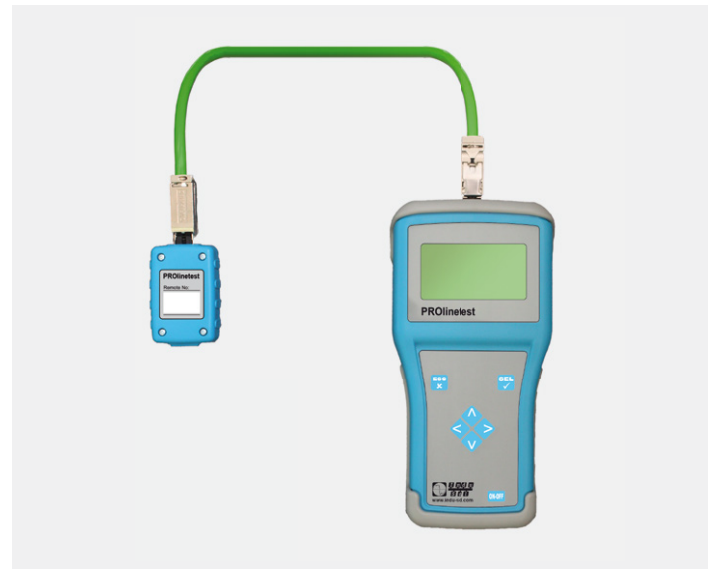
- Housing: Solid, impact-resistant and weather-resistant ABS housing
- Weight: 30 g
- Dimensions (H x W x D): 61 x 41 x 26 mm

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



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Example of error diagnosis



Adapter set with RJ45 plug on M12 socket for PROFINET

Ordering details

PROlinetest

Art. No.

112010010