

TP-1 Cable Continuity Tester

Description

The TP-1 Wire Continuity Tester is a compact device designed for **testing de-energized circuits**. It allows for quick detection of breaks or shorts in wires, identification of wires in bundles, and inspection of components such as fuses, switches, light bulbs, relay contacts, coaxial cables, and extension cords. It is powered by a 12V 23A alkaline battery.

The tester is equipped with 1-meter test leads terminated with miniature banana plugs (2 mm diameter) and insulated alligator clips, ensuring ease of use and safety. The 50 × 30 × 14 mm housing is lightweight and handy, and an integrated "ear" with a hole allows the device to be attached, for example, to a lanyard, for greater convenience.



The maximum resistance of the tested circuit is 100 Ω.

Principle of operation

The TP-1 tester operates by measuring circuit continuity. When the test probes are touched to the wire being tested, the circuit is closed, triggering an optical signal (an intensely glowing red LED) and an acoustic signal (a loud, continuous buzzer). The absence of a signal indicates a break in the circuit, circuit resistance above 100 Ω, or tester failure (e.g., a discharged battery).

Thanks to clear sound and light signals, it is possible to test installations even in large facilities – the signal is audible from a distance and the diode is visible in the noisy construction environment.

The device is intended only for testing voltage-free components – **it must not be used to test live components**.

The battery can be replaced after unscrewing two screws and opening the housing (when working, pay attention to the correct battery polarity).

Additionally, the crocodile clips protect against accidental short circuits during storage and prevent uncontrolled battery discharge.

Technical data

Parameter name	Value
Power supply	Alkaline battery 12V, type 23A
Measuring cables	1 m
Cable termination	Miniature bananas (diameter 2 mm)
Dimensions (W x H x D)	35 x 56 x 15 mm

Parameter name	Value
Measuring voltage	12V DC
Max resistance of the tested circuit	100 ohms
"Crossing" signal - no break	Optical - red LED; sound - buzzer
Additional information	NOTE! - for testing wires and components that are not under voltage

Full technical specifications are available on the website www.pollin.pl/do-pobrania or by scanning the QR code provided in the warranty and guarantee section.

No modifications allowed

Any modifications to the device or its components are prohibited. This may result in malfunctions and a safety hazard.

Warranty and guarantee – short information

The warranty applies to every purchaser, including consumers. Warranty claims should be directed to the seller from whom the purchase was made.

If a defect is found in the device, the customer has the right to choose: he or she can use the statutory warranty (in accordance with the provisions of the Civil Code) or the manufacturer's warranty.



Pollin Guarantee



Pollin devices are covered by a 10-year manufacturer's warranty – Zakład Elektroniczny POLLIN Wojciech Polak. The warranty applies only to devices purchased by businesses and covers material and manufacturing defects.

Warranty claims should be submitted by e-mail to: pollin@pollin.pl, in accordance with the procedure described in the full version of the document.

The warranty does not cover, among other things, mechanical damage, unauthorized modifications, installation by unqualified persons and natural wear and tear of consumables.

The full text of the warranty terms is available at: <https://pollin.pl/do-pobrania> or via the attached QR code.

Markings



This symbol on a device indicates that the used equipment should not be disposed of with other household waste. Used equipment should be taken to one of the designated electronic waste collection points or returned to the store when purchasing new equipment. Improper disposal of electronic waste poses a threat to the environment and human health.



The CE marking confirms that the product meets the essential requirements of all applicable European Union directives and regulations.



This marking indicates that installation, connection and all servicing of the device may only be performed by qualified personnel with electrical qualifications.



Technical support – the fastest help from Pollin experts

If you have any questions regarding the operation, configuration or installation of the device, **please contact us by email – this is the fastest way to obtain technical support**.

Send a message to: support@pollin.pl, describe the problem in detail and leave your contact number and the hours when we can call you.

Our engineers will review your request and make every effort to provide you with professional assistance as quickly as possible.

Want to talk to the sales department?

Use the telephone contact – the number can be found at <https://pollin.pl/>.

Discover the world of Pollin automation – more than one product!

Thank you for your trust and for choosing Pollin technology – solutions that work for you. This is just the beginning of the possibilities Pollin technology offers! Our brand is synonymous with reliability, innovation, and safety in electrical installations.

On the website <https://www.pollin.pl> you will find:

- **A full product catalog** – from automation and security to modern solutions supporting renewable energy sources and Smart Home installations.
- **Downloadable materials** – manuals, diagrams, catalog cards and warranty documents in one place.

Don't wait – scan the QR code from the manual or visit our website and discover solutions that are changing industry standards.

Pollin is more than just a product
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