

Voltage and Continuity Tester

PROFIPOL®

Voltage Testers for universal applications

- indicating DC and AC voltage within the range of 6 – 400 V
- indicating steps 6, 12, 50, 120, 230, 400 V
- polarity test for DC voltage
- shock-proof housing made of rugged high-pressure PE material
- compact dimensions and increased grip
- dustproof and waterproof, protection category IP 65

DUTEST®

Continuity and line tester

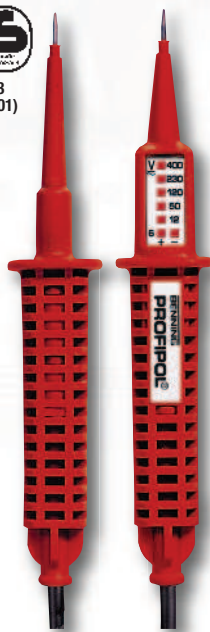
- reliable detection of faulty wiring, contacting errors and cable interruptions
- quick localization of defective fuses, lamps, lines and short-circuits
- indication of high-impedance (0 – 90 k Ω) and low-impedance (0 – 900 Ω) resistances
- acoustic indication by means of loud testing buzzer
- visual indication by means of high-contrast light-emitting diodes (LED)
- powerful torch function
- protected against external voltages of up to 400 V

Phase-Sequence Indicator

TRITEST® control

Phase-sequence indicator for testing the phase sequence in three-phase mains

- indication of clockwise and anti-clockwise phase sequence
- indication of phase voltages (L1, L2, L3) by means of high-contrast LEDs
- voltage range: 400 – 690 V (50 – 60 Hz)
- bright LED pocket lamp function
- including safety probe tips and alligator clip



PROFIPOL®
item no. 020022



DUTEST®
item no. 050155



TRITEST® control
item no. 020050

Tips for practical use

- Always observe the five safety rules for “working under voltage”!
- For determining the absence of voltage on electrical systems of up to 1000 V, only use two-pole voltage testers complying with the current IEC/EN 61243-3 standard.
- Always check voltage testers for correct functioning immediately before and after use.
- Voltage testers with connectable load suppress capacitively and inductively induced voltages. Thus, incorrect measurements are excluded!
- Voltage testers for outdoor use must comply at least with protection category IP 44.
- DUSPOL® voltage testers are designed for safe working under voltage. Operating errors due to incorrect measuring range selection are excluded. The handles with grip limit offer the highest safety possible and sufficient distance to the measuring object. The display is arranged directly in the user's field of vision.
- A standards-compliant design of a voltage tester/measuring instrument is confirmed by independent testing and certification institutes by granting a mark of conformity (e.g. VDE/GS mark of conformity).

- Digital multimeters and current clamps with TRUE RMS measuring method offer increased accuracy in case of distorted and non-sinusoidal signal characteristics in industrial use.
- Please take into consideration the high-impedance input resistance (~10 M Ω) of a digital multimeter which indicates capacitively and inductively induced voltages and which very often might only simulate the existence of voltage.
- Use digital multimeters and current clamps only for the area of application for which they are designed. The measuring inputs must be marked unambiguously with the measuring category (CAT I – CAT IV) and the maximum nominal voltage to earth.

Measuring categories CAT I to CAT IV:

