

FLUKE®

1AC II

VoltAlert

Instruction Sheet

FOR USE BY COMPETENT PERSONS

Anyone using this instrument should be knowledgeable and trained about the risks involved with measuring voltage, especially in an industrial setting, and the importance of taking safety precautions and of testing the instrument before and after using it to ensure that it is in good working condition.

Read First: Safety Information

⚠⚠ Warning

To avoid possible electric shock or person injury:

- Do not use if VoltBeat is not flashing.
- Do not use if Tester appears damaged or if the Tester is not operating properly. If in doubt, have the Tester serviced.
- Do not apply more than the rated voltage as marked on the Tester.
- Use caution with voltages above 30 V ac as a shock hazard may exist.
- Comply with local and national safety requirements.
- Use proper protective equipment as required by local or national authorities.

Before each use, verify operation by testing a known working circuit that is within the rating of this unit. Steady red glow (not flash) indicates voltage present. If no indication, voltage could still be present. Do not rely on this tester with shielded wire. Operation may be affected by differences in socket design and insulation thickness and type. If this product is used in a manner not specified by the manufacturer, protection provided by the product may be affected.

LIMITED WARRANTY: This product is warranted to be free from defects in material and workmanship under normal use for two years from date of purchase. Warranty does not apply to batteries. Contact Fluke at www.fluke.com.

☐ - Double Insulated.

⚠ Caution. Risk of electric shock.

⚠ Risk of danger. Important information. See Manual.

CAT IV - Equipment is designed to protect against transients from the primary supply level. (i.e. - electricity meter or overhead /underground utility service).

Complies with EN 61010-1 2nd Edition, EN 61326 EMC to 1000 V CAT IV

Complies with UL61010, CSA C22.2 No. 1010-1

Operating: 90 V ac to 1000 V ac (A1/A2), 200 V to 1000 V ac (E1/E2/P1), 20 V to 90 V ac (LAC)

Temperature: -10 to 50 °C

Storage: -10 to 50 °C

Humidity: 95% (0 to 30 °C)

Altitude: 3000 m

Pollution Degree 2

Cleaning: Clean with damp cloth

Operating Instructions

Turning the Unit On

Momentarily press the green button. Listen for a double beep to confirm activation of the unit. A continual VoltBeat flash visually indicates the unit is active

Turning the Unit Off

Press and hold the green button for more than half a second. Listen for a long half-second beep to confirm deactivation of the unit. The absence of the VoltBeat flash indicates the unit is inactive

VoltBeat (System Self Test)

VoltBeat is a self-test feature for visually confirming battery and system integrity, and power-on. It provides a double flash every 2 seconds during normal operation.

Checking for the Presence of AC Voltage

Placing the tip of the unit near an AC voltage produces a steady glow at the tip and (if enabled) a continual beep.

Auto Power Off

After about 5 minutes of non-use, the unit automatically performs a power off to save batteries. A double beep followed by a longer single beep provides an audible indication of the event. The absence of the VoltBeat flash serves as a visual power-off indication.

Disabling the Audible Beeper

Disable the beeper by holding the green button down for more than 2 seconds during power up. To enable the beeper again, turn the unit off, and then turn it on.

Low Battery Indication

When the battery voltage drops below 2 volts VoltBeat provides a visual indication by stopping the VoltBeat flash. Replace with 2 AAA (LR3) batteries.

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