

FLUKE

Technical Datasheet

VoltAlert– 1AC-A1-II



The pocket-sized voltage detector

The next generation VoltAlert™ AC non-contact voltage testers from Fluke are easy to use — just touch the tip to a terminal strip, outlet, or supply cord. When the tip glows red and the unit beeps, you know there's voltage present. Electricians, maintenance, service, safety personnel, and homeowners can quickly test for energized circuits in the workplace or at home.

- Voltbeat™ technology and continuous self-test — so you always know it's working
- Upon detection, tip glows and beeper sounds
- CAT IV 1000 V for added protection
- Expanded range: 90 V to 1000 V AC or 200 V to 1000 V AC depending on model
- 20 V to 90 V AC control circuit model also available
- Two-year warranty

Specifications	
Operating principle	Senses the steady state electrostatic field produced by ac voltage through insulation without requiring contact to the bare conductor. A red glow at the tip and a beeping noise (if not switched OFF) indicates the presence of voltage.
Voltage sensing ranges	Nominally, 90 V AC to 1000 V AC or 200 V AC to 1000 V AC depending on model, 45 Hz to 405 Hz; also a 20 V to 90 V control circuit model
Detector tip style	Blade or round, depending on model
Light source	One high intensity red LED
Agency Approvals	c CSA us, CE, C-Tick
Safety Rating	1000 V, CAT IV
IP Rating	IP 40
Operating Temperature	-10 °C to 50 °C
Operating humidity ranges	0 % to 95 (0 °C to 30 °C) % 0 % to 75 (30 °C to 40 °C) % 0 % to 45 (40 °C to 55 °C) %
Operating Altitude	3000 meters
Batteries	2 AAA alkaline batteries included

Note: Product does not respond to random electrostatic discharge.

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