

**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

<b>Specifications</b>	
<b>Operating principle</b>	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.
<b>Voltage sensing ranges</b>	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
<b>Detector tip style</b>	Blade or round, depending on model
<b>Light source</b>	One high intensity red LED
<b>Agency Approvals</b>	c CSA us, CE, C-Tick
<b>Safety Rating</b>	1000 V, CAT IV
<b>IP Rating</b>	IP 40
<b>Operating Temperature</b>	-10 °C to 50 °C
<b>Operating humidity ranges</b>	<b>0 % to 95</b> (0 °C to 30 °C) % <b>0 % to 75</b> (30 °C to 40 °C) % <b>0 % to 45</b> (40 °C to 55 °C) %
<b>Operating Altitude</b>	3000 meters
<b>Batteries</b>	2 AAA alkaline batteries included

Note: Product does not respond to random electrostatic discharge.