

TECHNICAL DATA

# 1AC-II/1LAC-II VoltAlert

## The pocket-sized voltage detector



The next generation VoltAlert™ ac voltage testers from Fluke are easy to use—just touch the tip to a terminal strip, outlet, or cord. When the tip glows red and the unit beeps, you know there’s voltage in the line. Electricians, maintenance, service, safety personnel, and homeowners can quickly test for energized circuits and defective grounds on the factory floor, in the shop, or at home.

- Accurately identify incorrectly wired outlets
- The 1AC-II continually tests its battery and its circuit integrity with a periodic double flash visual indication using Fluke Volt-beat™ technology.
- Voltage detection of 90 V to 1000 V ac or 200 V to 1000 V ac depending on model, as well as a 24 V to 1000 V ac control circuit model.
- The VoltAlert™ Tester (1AC-II and 1LAC-II) is a Category IV –1000 V overvoltage rated product for added user protection, the highest rated of its kind.
- It is rugged, reliable, and has a 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. *Note: Does not respond to random electrostatic discharge.*

#### 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

#### SAFETY RATING

1000 V, CAT IV

#### IP RATING

IP 40

#### OPERATING TEMPERATURE RANGE

-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

