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.

FLUKE®

LVD2
VoltAlert
Safety Sheet

Read First: Safety Information

⚠⚠ Warning

To prevent possible electric shock, fire, or personal injury:

- **Use the Product only as specified, or the protection supplied by the Product can be compromised.**
- **Do not rely on the Product to detect the presence or absence of voltage on a conductor for safety purposes. A single pole non-contact voltage detector such as this Product is not suitable to determine if a circuit is hazardous. A volt meter or 2-pole voltage detector is necessary to confirm the absence of hazardous voltage prior to commencing work.**
- **Do not use if the flashlight does not operate.**
- **Detect a known voltage first to make sure that the Product operates correctly.**
- **When using the Product if tip does not glow, voltage could still be present. The Product indicates active voltage in the presence of electric fields of sufficient strength generated from the source (MAINS) voltage. If the field strength is low, the Product may not provide indication of live voltages. Lack of an indication occurs if the Product is unable to sense the presence of voltage which may be influenced by several factors including, but not limited to:**
  - **Shielded wire/cables**
  - **Thickness and type of insulation**
  - **Distance from the voltage source**
  - **Fully-isolated users that prevent an effective ground**
  - **Receptacles in recessed sockets/ differences in socket design**
  - **Condition of the Product and Batteries**
- **Disable the Product if it is damaged.**
- **Do not use the Product if it is damaged.**
- **Use Product with arrow visible.**
- **Hold the Product behind the tactile barrier.**
- **Do not use for dc voltage detection or around voltages exceeding 600 volts, or in the presence of variable motor drives.**
- **Use caution with voltages above 30 V ac as a shock hazard may exist.**
- **Do not stare or look directly at the LED flash light. The light is extremely bright.**
- **Comply with local and national safety codes. Use personal protective equipment (approved rubber gloves, face protection, and flame-resistant clothes) to prevent shock and arc blast injury where hazardous live conductors are exposed.**
- **Batteries contain hazardous chemicals that can cause burns or explode. If exposure to chemicals occurs, clean with water and get medical aid.**
- **Remove the batteries if the Product is not used for an extended period of time, or if stored in temperatures above 50 °C. If the batteries are not removed, battery leakage can damage the Product.**
- **Carefully read all instructions.**
- **Read all safety information before you use the Product.**

For safe operation and maintenance of the product:

- **Be sure that the battery polarity is correct to prevent battery leakage.**
- **Repair the Product before use if the battery leaks.**

Symbols

	Consult user documentation.
	Double Insulated.
	Hazardous Voltage. Risk of electric shock.
	Risk of danger. Important information.
	Conforms to European Union directives
	Conforms to relevant Canadian and US Standards.
	Conforms to relevant Australian standards.
	This product complies with the WEEE Directive (2002/96/EC) marking requirements. The affixed label indicates that you must not discard this electrical/electronic product in domestic household waste. Product Category: With reference to the equipment types in the WEEE Directive Annex I, this product is classed as category 9 “Monitoring and Control Instrumentation” product. Do not dispose of this product as unsorted municipal waste. Go to Fluke’s website for recycling information.
CAT IV	Measurement Category IV is applicable to test and measuring circuits connected at the source of the building’s low-voltage MAINS installation.
	Battery

Safety Specifications

Altitude .....2000 m

Humidity .....80 % for temperatures up to 31 °C decreasing linearly to 45 % relative humidity at 50 °C

Electrical supply .....1.5 Vdc (1 x LR03 ‘AAA’ Battery)

Temperature .....0 °C to 50 °C

Maximum Voltage to Earth Ground .....600 V

Safety.....IEC61010-1:Pollution Degree 2. CAT IV 600V

Electromagnetic Compatibility.....(EMC) IEC 61326-1: Portable Electromagnetic Environment; IEC 61326-2-2

CISPR 11: Group 1, Class A

Group 1: Equipment has intentionally generated and/or use conductively coupled radio-frequency energy which is necessary for the internal functioning of the equipment itself.

Class A: Equipment is suitable for use in all establishments other than domestic and those directly connected to a low voltage power supply network which supplies buildings used for domestic purposes. There may be potential difficulties in ensuring electromagnetic compatibility in other environments, due to conducted and radiated disturbances.

Caution: This equipment is not intended for use in residential environments and may not provide adequate protection to radio reception in such environments