

## 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®

# LVD2EU

## 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 use if the flashlight does not operate.
- The battery door must be closed and locked before you operate the Product.
- Measure 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 electrostatic 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 touch voltages > 30 V ac rms, 42 V ac peak, or 60 V dc.
- Do not use for dc voltage measurements 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 allow the Product to directly touch live circuits.
- Using the Product while attached to any metal object could lead to electric shock or personal injury.
- 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.
- Do not disassemble or crush battery cells and battery packs.

- Do not keep cells or batteries in a container where the terminals can be shorted.
- Do not put battery cells and battery packs near heat or fire. Do not put in sunlight.
- Carefully read all instructions.
- Read all safety information before you use the Product.
- Use this Product indoors only.
- Use only specified replacement parts.
- Have an approved technician repair 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

	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.
<b>CAT IV</b>	Measurement Category IV is applicable to test and measuring circuits connected at the source of the building's low-voltage MAINS installation.
	Inspected and licensed by TÜV Product Services

## Safety Specifications

Altitude .....	2000 m
Humidity .....	Not rated
Electrical supply .....	1.5 Vdc (1 x LR3 'AAA' Battery)
Temperature .....	0 °C to 50 °C
Measurement .....	Category IV (max. 600 V), Pollution Degree 2

## Contacting Fluke

- Technical Support USA: 1-800-44-FLUKE (1-800-443-5853)
- Calibration/Repair USA: 1-888-99-FLUKE (1-888-993-5853)
- Canada: 1-800-36-FLUKE (1-800-363-5853)
- Anywhere in the world: +1-425-446-5500

Or, visit Fluke's website at [www.fluke.com](http://www.fluke.com).

To register your product, visit <http://register.fluke.com>.

To view, print, or download the latest manual supplement, visit <http://us.fluke.com/usen/support/manuals>.

### LIMITED WARRANTY AND LIMITATION OF LIABILITY

This Fluke product will be free from defects in material and workmanship for two years from the date of purchase. This warranty does not cover fuses, disposable batteries, or damage from accident, neglect, misuse, alteration, contamination, or abnormal conditions of operation or handling. Resellers are not authorized to extend any other warranty on Fluke's behalf. To obtain service during the warranty period, contact your nearest Fluke authorized service center to obtain return authorization information, then send the product to that Service Center with a description of the problem.

THIS WARRANTY IS YOUR ONLY REMEDY. NO OTHER WARRANTIES, SUCH AS FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSED OR IMPLIED. FLUKE IS NOT LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSSES, ARISING FROM ANY CAUSE OR THEORY. Since some states or countries do not allow the exclusion or limitation of an implied warranty or of incidental or consequential damages, this limitation of liability may not apply to you.

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