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®

1AC II
VoltAlert
Instruction Sheet

Read First: Safety Information

⚠⚠ Warning

To avoid possible electric shock or personal injury:

- **If the Tester is used in a manner not specified by the manufacturer, protection provided by the Tester may be affected.**
- **Do not use if VoltBeat is not flashing.**
- **Test on a known live source within the rated ac voltage range of the product, both before and after use to ensure unit is in good working condition.**
- **When using the Tester, if tip does not glow, voltage could still be present. The Tester 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 Tester may not provide indication of live voltages. Lack of an indication occurs if the Tester 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 Tester and Batteries**
- **Do not use if the Tester appears damaged or if the Tester is not operating properly. Specifically examine the probe tip for cracks or breakage before use. If in doubt, have the Tester serviced.**
- **Do not apply more that the rated voltage as marked on the Tester.**
- **Use caution with voltages above 30 V ac as a shock hazard may exist.**
- **Comply with local and national safety requirements.**
- **Use proper protective equipment as required by local or national authorities.**

Table 1. Symbols

⧈	Double Insulated.
⚠	Hazardous Voltage. Risk of electric shock.
⚠	Risk of danger. Important information. See Instruction Sheet.
C SP US	Conforms to relevant Canadian and US Standards.
CE	Conforms to relevant European Union directives.
N10140	Conforms to relevant Australian standards.
	Do not dispose of this product as unsorted municipal waste. Go to Fluke's website for recycling information.
CAT IV	Equipment is designed to protect against transients from the primary supply level. (i.e. - electricity meter or overhead /underground utility service).

Safety Compliance: Meets IEC 61010-1:2001, UL 61010-1 (2nd ed.), CAN/CSA-C22.2 No. 61010-1-04, and ISA-82.02.01
EMC Compliance: Meets IEC 61326-1:2006
Operating: 90 V ac to 1000 V ac (A1/A2), 200 V to 1000 V ac (E1/E2/P1), 20 V to 90 V ac (LAC)
Temperature: Operating: -10 to 50 °C Storage: -10 to 50 °C
Humidity: 0 % to 95 % (0 to 30 °C)
Altitude: 3000 m
Pollution Degree: 2

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