

# a3004 FC

## Wireless DC Clamp

### *Safety Sheet*

Go to [www.fluke.com](http://www.fluke.com) to register your product and find more information.

A **Warning** identifies conditions and procedures that are dangerous to the user.

#### **Warning**

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











- Carefully read all instructions.
- Use the Product only as specified, or the protection supplied by the Product can be compromised.
- Limit operation to the specified measurement category, voltage, or amperage ratings.
- Do not touch voltages >30 V ac rms, 42 V ac peak, or 60 V dc.
- Do not use the Product around explosive gas, vapor, or in damp or wet environments.
- Do not use the Product if it is damaged.
- Disable the Product if it is damaged.
- Do not use the Product if it operates incorrectly.
- The battery door must be closed and locked before you operate the Product.
- Replace the batteries when the low battery indicator shows to prevent incorrect measurements.
- Have an approved technician repair the Product.
- Use only specified replacement parts.
- 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.
- Before each use, examine the Product. Look for cracks or missing pieces of the clamp housing or output cable insulation. Also look for loose or weakened components. Carefully examine the insulation around the jaws.
- Do not operate the Product with covers removed or the case open. Hazardous voltage exposure is possible.

- Do not use the Product to measure ac current.
- Do not use the Product to measure dc mA in circuits carrying more than 300 V CAT II.
- Do not use the Product near strong magnetic fields.
- Remove the input signals before you clean the Product.
- Do not measure current if the wear indicator of cable shows.
- Hold the clamp behind the tactile barrier.

For safe operation and maintenance of the Product:

- Remove batteries to prevent battery leakage and damage to the Product if it is not used for an extended period.
- Repair the Product before use if the battery leaks.
- Be sure that the battery polarity is correct to prevent battery leakage.
- Batteries contain hazardous chemicals that can cause burns or explode. If exposure to chemicals occurs, clean with water and get medical aid.

**Table 1. Symbols**

Symbol	Meaning
	WARNING.RISK OF DANGER.
	Double insulated.
	Consult user documentation.
	Do not apply around or remove from uninsulated hazardous live conductors without taking additional protective measures.
	WARNING. HAZARDOUS VOLTAGE. Risk of electric shock.
	Battery
	Conforms to European Union directives.
	Certified by CSA Group to North American safety 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.

# **Safety Specifications**

Operating Temperature.....-10 °C to +50 °C

Operating Altitude .....≤2000 m

## **LIMITED WARRANTY AND LIMITATION OF LIABILITY**

This Fluke product will be free from defects in material and workmanship for one year 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.

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