VF-T5
Non-Contact Voltage Detector with Laser Infrared Thermometer



- Laser infrared thermometer (-30 °C to 280 °C) temperature range
- Audible beeper
- Built in bright LED torch
- Dual AV voltage detection range 12 V to 1000 V and 100 to 1000 V AC
- Safety rating CAT IV 1000 V
- IP 54 (dustproof and waterproof) rating

DESCRIPTION

The Non-Contact Voltage (NCV) Detector with Laser Infrared Thermometer is a tester that lights up when it detects a voltage without needing to make direct contact. The built-in sensor at the tip of the tester detects a voltage when touching a conductor, outlet, or supply cord. The laser infrared thermometer measures the temperature of that power supply allowing the operator to judge if the temperature is normal or there is an overheating fault.

SPECIFICATION

Detection voltage range
12 V to 1000 V AC,
100 to 1000 V AC

Frequency range 50/60 Hz

Detection temperature range
-30 to +280 °C (-22 to +536 °F)

Temperature resolution
0.1 °C/ °F

Laser type Class 1 (Peak wave length 650 nm)

Laser distance-to-spot ratio
4:1

Temperature accuracy	±3 °C (±5.4 °F) at -30 to +20 °C (-22 to +68 °F) ±2.0% or ±2 °C (±3.6 °F) at +21 to +280 °C (+69 to +536 °F)
Batteries	Two AAA 1.5 V batteries
Environment	IP54 (dustproof and waterproof) rating.
Operating temperature	0 to +50 °C (+32 to +122 °F)
Storage temperature	-10 to +60 °C (+14 to +140 °F)
Humidity	≤ 80% RH
Altitude	≤ 2000 m
Pollution degree	2
Measurement rating	CAT IV 1000 V

ORDERING INFORMATION

Description	Part number
VF-T5 product	1016-151

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ISO 9001
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