



TRIPLE ALARM CAT IV NON-CONTACT VOLTAGE DETECTOR WITH FLASHLIGHT

FLIR VP50-2™



The FLIR VP50-2 is a durable, CAT IV-rated non-contact voltage detector featuring light, vibration, and beeper feedback alarms and a powerful LED flashlight. Use the VP50-2 to reliably check whether an AC circuit is live before beginning work; detect voltage on exposed conducting parts or through insulation; identify live wires within switchboxes, switches, and outlets; or trace live wires and map circuits. With an ergonomic and drop-tested design, the FLIR VP50-2 is the right choice for professionals performing field troubleshooting and verification of electrical installations within residential, commercial, and industrial buildings.

www.flir.com/vp50-2



RUGGED AND RELIABLE

Designed for long-term, trouble-free operation, the FLIR VP50-2 will last for years to come

- Detect voltage in electrical systems in both large industrial facilities and residential low-voltage installations
- Reliably test for voltage in the latest safety outlets
- Never miss voltage presence with tactile vibration, sound, and LED alarms—even in dark or noisy areas
- Durable to withstand a 3 m (9.8 ft) drop



EASY TO USE

Offers an ergonomic design that's easy to grip and operate

- Avoid touching live wires with non-contact voltage (NCV) technology
- Reduce risk of dropping the VP50-2 with double molded slip-resistant grip and anti-roll case
- Place the sensor closer to electrical sources with the low-profile probe tip



TROUBLESHOOT QUICKLY

Provides high-end features that improve work efficiency

- See target area clearly in poor lighting conditions with the bright flashlight and tip light
- Eliminate interruption from a dead battery with the low-battery indication feature
- Maximize battery life with the auto power off feature

SPECIFICATIONS

| Measurement | |
|---|--|
| AC Voltage Range (default, solid green light) | 90 to 1000 V AC |
| High-Sensitivity Mode (solid amber light) | 24 to 1000 V AC |
| Frequency Range | 45 to 65 Hz |
| Meter Data | |
| Sound Alert | Yes |
| Flashing LED Alert | Yes |
| Vibration Alert | Yes |
| Flashlight | Yes |
| Tip Light | Yes |
| Category Rating | CAT IV 1000 V |
| General Information | |
| Warranty | Limited 3-year |
| Certifications | C-UL-US |
| Power System | |
| Power Requirements | 2 × AAA (LR03) alkaline batteries |
| Battery Life | ~5 hours continuous (flashlight off) |
| Low Battery Voltage | Status LED flashes amber color |
| Auto Power Off | After 3 minutes of inactivity |
| Environmental Data | |
| Drop Test | 3 m (9.8 ft) |
| Operating Ambient Temperatures | -10 to 50°C (14 to 122°F) |
| Storage Temperature | -20 to 60°C (-4 to 140°F) |
| Physical Data | |
| Weight | 59 g (2.1 oz) including batteries |
| Dimensions (L × W × H) | 158.5 × 26 × 29 mm (6.24 × 1.02 × 1.14 in) |

Specifications are subject to change without notice. For the most up-to-date specs, go to www.flir.com

CORPORATE HEADQUARTERS
FLIR Systems, Inc.
27700 SW Parkway Ave.
Wilsonville, OR 97070
USA
PH: +1 866.477.3687

LATIN AMERICA
FLIR Systems Brasil
Av. Antonio Bardella, 320
Sorocaba, SP 18085-852
Brasil
PH: +55 15 3238 8070

NASHUA
FLIR Systems, Inc.
9 Townsend West
Nashua, NH 03063
USA
PH: +1 866.477.3687

CANADA
FLIR Systems, Ltd.
3430 South Service Road, Suite 103
Burlington, ON L7N 3T9
PH: +1 800.613.0507

www.flir.com
NASDAQ: FLIR

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