



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.



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)

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