

Product Datasheet - Technical Specifications



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P/N: VP42

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Website

<http://www.flir.com>

Customer support

<http://support.flir.com>

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Part number	VP42
Part name	Non-Contact Voltage Detector + Flashlight
Part description	<p>The new VP42 Non- Contact Voltage Detector (NCV) from FLIR builds on the success of the popular VP52. The durable and reliable design and high-end features like the bright flashlight, vibration feedback alarm and CAT IV safety rating, makes the VP42 the 'best value' product in the category. Use the VP42 to identify live and neutral wires in sockets and junction boxes and to trace live and neutral wires. The VP42 is the right choice for DIY, electricians and service techs performing field troubleshooting and verification of electrical installations within residential, commercial and industrial buildings.</p> <p>The FLIR VP42 CAT IV-rated non-contact voltage detector is designed to reliably detect voltages on the latest outlets and electrical systems installed.</p> <ul style="list-style-type: none"> • Safe CAT IV-1000 V rating and toolbox-tough with a rubber-reinforced case and buttons, and a low-profile detection tip. • Vibration and red LED alarms alert users to the presence of voltage in noisy areas. • Versatile high/low-sensitivity modes detect voltage in industrial equipment and low-voltage installations. • The powerful LED work light is always at the ready to illuminate poorly lit locations. • The inspection light at the probe tip facilitates testing in dark areas.
Measurement	
AC voltage range, default (green light)	190–1000 V AC
AC excitation voltage/distance	0–1 cm (0-0.4 in.)
Frequency range	45–65 Hz
AC Voltage range, High-sensitivity mode (amber light)	24- 1000 V AC
Meter data	
Flash light	Yes
Tip light	Yes
Category rating	CAT IV-1000 V
Warranty	Limited 3 years
Other	
Certifications	UL/ cUL, CE, RCM
Power system	
Power requirements	2 × AAA alkaline batteries
Battery life	~7 hours continuous (flashlight light off)



FLIR VP42

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#VP42; r. 58535;

Power system	
Low battery voltage indication	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	0 to 60°C (-32 to 140°F)
Storage temperature	-40 to 90°C (-40 to 194°F)
Physical data	
Weight	0.2 kg (0.44 lb.), including batteries
Dimensions (H x W x L)	29 x 26 x 156 mm (1.1 x 1.0 x 6.1 in.)
Color	Gray, black
Shipping information	
Packaging type	Blister pack w insert card
Packaging contents	<ul style="list-style-type: none">• Non-Contact Voltage Detector + Flashlight• 2 x AAA Energizer batteries• Quick start guide• Warranty & Product Line Card
Packaging weight	0.3 kg (0.66 lbs)
Packaging dimensions (H x W x L)	45 x 111 x 254 mm (1.77 x 4.37 x 10.00 in.)
Carton weight	7.1 kg (15.6 lbs)
Carton dimensions (H x W x L)	36 x 38 x 28 cm (14.1 x 14.9 x 11.0 in.)
Carton quantity	20
EAN-13	0793950400425
UPC-12	793950400425
Country of origin	China
Tariff code	9030333800
Technical support	
Website	http://support.flir.com