

VPC-10A and VPC-12 Voltage and Continuity Testers

Troubleshoot voltage and continuity in residential and commercial environments

Easy to use testers designed to troubleshoot voltage and continuity for residential and commercial applications.

The Amprobe VPC-10A

A rugged, easy to use tester for residential and commercial applications

- Quickly troubleshoot voltage and continuity and detect presence of voltages easily
- Turns on when a complete circuit is sensed, automatically selects AC or DC voltage or continuity mode, and autos-off when removed from a circuit
- Seven visual voltage indicators clearly differentiating between key voltage levels
- Safety rated CAT III 600 V

Features

- · Automatically selects ac voltage, dc voltage or continuity
- · Bright LED lights indicate seven levels of ac and dc voltages:
 - Volts (AC) 24, 120, 208, 240, 277,
 - Volts (DC) 6, 12, 24, 36, 48, 110, 220
- Full range polarity to detect negative or positive dc voltage
- Built-in VolTect™ non-contact voltage detection (VPC-12 only)
- · Visual, audible and vibration alerts for indicating voltage and continuity (vibration alert VPC-12 only)
- · Bright work light to take measurements in dimly lit locations (VPC-12 only)

Safety Certification All Amprobe tools, including the Amprobe VPC-10A and VPC-12, are rigorously tested for safety, accuracy, reliability, and ruggedness in our state-of-the-art test lab. In addition, Amprobe products that measure electricity are listed by a 3rd party safety lab, either UL or CSA. This system assures that Amprobe products meet or exceed safety regulations and will perform in a tough, professional environment for many years to come.



The Amprobe VPC-12

A rugged, easy to use tester for residential and commercial applications

- Quickly troubleshoot voltage and continuity and detect presence of voltages easily
- Turns on when a complete circuit is sensed, automatically selects AC or DC voltage or continuity mode, and autos-off when removed from a circuit
- Seven visual voltage indicators clearly differentiating between key voltage levels
- Built in VolTect[™] non-contact voltage detection adds an extra level of safety
- Vibrating alert indicates the presence of dangerous voltage levels and continuity
- Bright work light built in to take measurements in dimly lit locations
- Safety rated CAT IV 600 V









Highlights

Applications

You can quickly measure ac and dc voltage in circuitry and its components—including outlets, light fixtures, batteries and extension cords— as well as test the continuity of fuses, light bulbs and electrical connections.

To increase accuracy and speed, the VPCs turn on when a complete circuit is sensed, automatically select AC or DC voltage or continuity mode, and auto-off when removed from a circuit.

With an operating battery life of 300 hours and operating temperature ranging from 41 degrees F to 140 degrees F, these tools are just as rugged and reliable as they are safe.

Upgrade with the VPC-12

With this model, a vibrating alert indicates the presence of continuity as well as dangerous voltage levels, in additional to the visual and audible alerts. This is especially helpful when wearing thick PPE gloves and working in a noisy environment.

Also, the VPC-12 includes VolTect[™] Non-contact Voltage Detection, an added level of safety when working with high voltage levels in an industrial setting.

Finally, a built-in light makes working in dimly-lit areas possible with the VPC-12.

How safe is it?

As is expected from an Amprobe tool, they bring the highest standard of safety to professional electricians, appliance technicians and home owners working in a CAT IV 600 V environment

What does it come with?

It comes complete and ready so you can use it right away, including three 1.5 V AAA batteries and a printed user manual.

Specifications

LED Voltage range	-		
LED voltage indicators AC volts: 24 V, 120 V, 208 V, 240 V, 277 V, 480 V, 600 V, DC volts: 6 V, 12 V, 24 V, 36 V, 48 V, 110 V, 220 V Frequency range 50 to 60 Hz Accoustic indication ≥ 24 VAC, ≥ 6 VDC Built-in vibration alert - ≥ 24 VAC, ≥ 6 VDC Tolerances LEDs 3-30 % to 0 % of reading Voltage detection Automatic Razardous voltage indication 2 24 VAC; ≥ 48 VDC Range detection Full trange Polarity detection ED, buzzer and vibration (0 to 45 kΩ ON; >85 kΩ OFF) LED, buzzer and vibration (0 to 45 kΩ ON; >85 kΩ OFF) Continuity indication LED and buzzer (0 to 45 kΩ ON; >85 kΩ OFF) LED, buzzer and vibration (0 to 45 kΩ ON; >85 kΩ OFF) Continuity tolgrames 0 to 45 kΩ No. No. Vollect" non-contact voltage - 90 to 600 VAC, Sensitivity: beeps and vibrates ≈ 10 mm (0.39 in) of distance from a vire carrying 100 VAC Work light - 1 MΩ • Operating time deare 1 MΩ • • Operating time deare 30 seconds ON maximum and wait for five initiates before taking another measurement • • • • • •	Feature	VPC-10A	VPC-12
Frequency range 50 to 60 Hz Acoustic indication ≥ 24 VAC, ≥ 6 VDC Builthin vibration alert = 24 VAC, ≥ 6 VDC Tolerances LEDs 30 % to 0 % of reading Voltage detection Automated Hazardous voltage indication 24 VAC; ≥ 88 VDC Range detection Automated Polarity detection Full Target Continuity indication LED and buzzer (0 to 45 kΩ ON; >85 kΩ OFF) LED, buzzer and vibration (0 to 45 kΩ ON; >85 kΩ OFF) Continuity toleranes 0 to 45 kΩ Continuity toleranes Continuity buzzer 30 to 600 VAC, Sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) of distance from a wire carrying 100 VAC Work light 1 1 4 Operating time 30 seconds ON maximum and wait for five minutes before taking another measurement 4 4 Operating altitude ≤ 6561 ft (2000 m) 5 4 5 6	LED Voltage range	24600 VAC, 6220 VDC	
Acoustic indication ≥ 24 VAC, ≥ 6 VDC Builta in vibration alert - ≥ 24 VAC, ≥ 6 VDC Tolerances LEDs 30 % to 0 % of reading Voltage detection Automatic Hazardous voltage indication 24 VAC, ≥ 48 VDC Range detection Automatic Continuity affection ELD and buzzer (0 to 45 kΩ ON; >85 kΩ OFF) LED, buzzer and vibration (0 to 45 kΩ ON; >85 kΩ OFF) Continuity range 0 to 45 kΩ COntinuity to learnes Continuity buzzer 3 kHz Continuity buzzer VolTect** non-contact voltage - 90 to 600 VAC, Sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) of distance from a wise carrying 100 VAC Work light - 90 to 600 VAC, Sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) of distance from a wise carrying 100 VAC Uport ing altitude 30 seconds ON maximum and waist in the in-invite before taking another measurement Operating timperature 41 % to 122 % 5 % to 50 % 0 Storage conditions 2 s 80% RH at 41 % to 104 % 5 % to 40 % 2 5 % R at > 104 % to 105 % C Pollution degree 2 2 Power supply Three 1.5 V battery AAA, LRO3, UM4 or equivalent Electrical safety CANVC	LED voltage indicators	AC volts : 24 V, 120 V, 208 V, 240 V, 277 V, 480 V, 600 V, DC volts : 6 V, 12 V, 24 V, 36 V, 48 V, 110 V, 220 V	
Public	Frequency range	50 to 60 Hz	
Tolerances LEDs 3-30 % to 0 % of reading Voltage detection Automation Hazardous voltage indication 3-24 VAC; ≥ 48 VDC Range detection Automatic Polarity detection Full transc Continuity indication LED and buzzer (0 to 45 kΩ ON; >85 kΩ OFF) LED, buzzer and vibration (0 to 45 kΩ ON; >85 kΩ OFF) Continuity tolerances 0 to 45 kΩ COntinuity tolerances Continuity buzzer 3 VATEC** 90 to 600 VAC, Sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) distance from a wise carrying 100 VAC Work light - 90 to 600 VAC, Sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) distance from a wise carrying 100 VAC Upperating time 30 seconds ON maximum and wait for five minutes before taking another measurement Operating altitude 500 to 500 VAC, Sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) distance from a wise carrying 100 VAC Storage conditions 30 seconds ON maximum and wait for five minutes before taking another measurement Operating temperature 41 °F to 122 °F (5 °C to 50 °C) Storage conditions 2 sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) distance from a wise carrying 100 VAC Pollution degree 1 °F to 122 °F (5 °C to 50 °C) Related to 122 °F (5 °C to 50 °C)	Acoustic indication	≥ 24 VAC, ≥ 6 VDC	
Voltage detection Autragous voltage indication Range detection Autragous voltage indication Polarity detection Autragous voltage indication Continuity indication LED and buzzer (0 to 45 kΩ ON) >85 kΩ OFF) LED, buzzer and vibration (0 to 45 kΩ ON) >85 kΩ OFF) Continuity range O to 45 kΩ Continuity buzzer O to 45 kΩ Volfect** non-contact voltage - O to 600 VAC, Sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) distance from a wire carrying 100 VAC Work light - O to 600 VAC, Sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) distance from a wire carrying 100 VAC Work light - O to 600 VAC, Sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) distance from a wire carrying 100 VAC Work light - O to 600 VAC, Sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) distance from a wire carrying 100 VAC Work light - O to 600 VAC, Sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) distance from a wire carrying 100 VAC Work light - O to 600 VAC, Sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) Operating time - O to 600 VAC, Sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) Operating time - O to 600 VAC, Sensitivity: beeps	Built-in vibration alert	– ≥ 24 VAC, ≥ 6 VDC	
Hazardous voltage indication \$ 24 VAC; \$ 48 VDC Range detection Auto-targe Polarity detection LED and buzzer (0 to 45 kΩ ON; >85 kΩ OFF) LED, buzzer and vibration (0 to 45 kΩ ON; >85 kΩ OFF) Continuity range O to 45 kΩ ON; >85 kΩ OFF) LED, buzzer and vibration (0 to 45 kΩ ON; >85 kΩ OFF) Continuity tolerances O to 45 kΩ ON; >85 kΩ OFF) Vollect** non-contact voltage - O to 100 kN	Tolerances LEDs	-30 % to 0 % of reading	
Range detection Automatic detection Polarity detection ED and buzzer (0 to 45 kΩ ON; >85 kΩ OFF) LED, buzzer and vibration (0 to 45 kΩ ON; >85 kΩ OFF) Continuity range ED and buzzer (0 to 45 kΩ ON; >85 kΩ OFF) LED, buzzer and vibration (0 to 45 kΩ ON; >85 kΩ OFF) Continuity tolerances 0 % to 45 kΩ CONTINUITY (10 to 45 kΩ ON) CONTINUITY (10 to 45 kΩ ON) <t< th=""><th>Voltage detection</th><th colspan="2">Automatic</th></t<>	Voltage detection	Automatic	
Polarity detection FBUILTIMENT Continuity indication LED and buzzer (0 to 45 kΩ ON; >85 kΩ OFF) LED, buzzer and vibration (0 to 45 kΩ ON; >85 kΩ OFF) Continuity range 0 to 45 kΩ Continuity touzzer 3 kHz Continuity buzzer 90 to 600 VAC, Sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) distance from a wire carrying 100 VAC Work light - 0 of distance from a wire carrying 100 VAC Input impedance 1 MΩ 0 Operating time 30 seconds ON maximum and wait for five minutes before taking another measurement 0 Operating temperature 41 °F to 122 °F (° 50 °C) 0 Storage conditions 3 80% RH at 41 °F to 104 °F (° 10 40 °C) ≈ 50 °C) 9 Humidity (Without Condensation) 3 80% RH at 41 °F to 104 °F (° 10 40 °C) ≈ 50 °C) 9 Pollution degree 2 10 Yes (Vipical) Battery life 3 (CAN/CSA-C2.2 No. 61010-13) (LU Std. No. 61010-13) (REdition) 10 Yes (CAN/CSA-C2.2 No. 61010-12) (LU Std. No. 61010-13) (REdition) Electrical safety CAN/CSA-C2.2 No. 61010-2 030-12, UL Std. No. 61010-13) (REdition - 2007), CAN/CSA-C2.2 No. 61010-2-030-12, UL 61010-2-030 (REdition - 2012) CAN NO (CAN/CSA-C2.2 No. 61010-2-030-12, UL 61010-2-030 (REdition - 2012) <tr< th=""><th>Hazardous voltage indication</th><th colspan="2">≥ 24 VAC; ≥ 48 VDC</th></tr<>	Hazardous voltage indication	≥ 24 VAC; ≥ 48 VDC	
Continuity range LED and buzzer (0 to 45 kΩ ON; >85 kΩ OFF) LED, buzzer and vibration (0 to 45 kΩ ON; >85 kΩ OFF) Continuity range 0 to 45 kΩ Continuity tolerances 0 % to +50 % Continuity buzzer 3 kHz VolTect** non-contact voltage - 90 to 600 VAC, Sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) distance from a wire carrying 100 VAC Work light - MΩ Operating time 30 seconds ON maximum and wait for frive minutes before taking another measurement Operating attitude ≤ 6561 ft (2000 m) Operating temperature 41 °F to 122 °F (5 °C to 50 °C) Storage conditions + + Humidity (Without Condensation) ≥ 80% RH at 41 °F to 104 °F (5 °C to 40 °C); ≥ 50% RH at > 104 °F to 122 °F (> 40 °C to 50 °C) Power supply Three 1.5 V battery AAA, LR03, UM4 or equivalent Battery life 300 house likeline) (typical) Electrical safety CAN/CSA-C22.2 No. 61010-231-07, UL 61010-231 (rlst Edition - 2007), CAN/CSA-C22.2 No. 61010-231-2, UL 61010-2-030/1st Edition - 2007) Certification CAT IV 600 V EMC Conforms to EC 61326-1 Certification S00 x 2.13 x 1.31 in (150 x 54 x 34 mm)	Range detection	Automatic	
Continuity range 0 to 45 kΩ Continuity tolerances 0 % to +50 % Continuity buzzer 3 kHz VolTect** non-contact voltage 90 to 600 VAC, Sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) distance from a wire carrying 100 VAC Work light 1 • Input impedance 1 MΩ Operating time 30 seconds ON maximum and wait for five minutes before taking another measurement Operating temperature 30 seconds ON maximum and wait for five minutes before taking another measurement Operating temperature 41 % to 122 % (5 % to 50 % C) Storage conditions 41 % to 122 % (5 % to 40 % C); ≥ 50 % RH at > 104 % to 122 % (40 % C) to 50 % C) Humidity (Without Condensation) ≥ 800 % RH at 41 % to 104 % (5 % to 40 % C); ≥ 50 % RH at > 104 % to 122 % (40 % C) to 50 % C) Pollution degree 2 Power supply Three 1.5 V battery AAA, LRO3, UM4 or equivalent Battery life 300 hours (alkaline) (typical) Electrical safety CAN/CSA-C22.2 No. 61010-031-07, UL 61010-031 (7st Edition - 2007), CAN/CSA-C22.2 No. 61010-031-07, UL 61010-031 (1st Edition - 2007), CAN/CSA-C22.2 No. 61010-031-07, UL 61010-031 (1st Edition - 2007), CAN/CSA-C22.2 No. 61010-031-07, UL 61010-031 (1st Edition - 2007), CAN/CSA-C22.2 No. 61010-031-07, UL 61010-031 (1st Edition - 2007), CAN/CSA-C22.2 No. 61010-031-07,	Polarity detection	Full range	
Continuity tolerances Continuity buzzer VolTect™ non-contact voltage Pol to 600 VAC, Sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) distance from a wire carrying 100 VAC Work light Pol to 600 VAC, Sensitivity: beeps and vibrates ≤ 10 mm (0.39 in) distance from a wire carrying 100 VAC Work light Polerating time Operating time Operating time Operating temperature Operating t	Continuity indication	LED and buzzer (0 to 45 k Ω ON; >85 k Ω OFF)	LED, buzzer and vibration (0 to 45 k Ω ON; >85 k Ω OFF)
Continuity buzzer VolTect™ non-contact voltage	Continuity range	0 to 45 kΩ	
VolTect™ non-contact voltage - 90 to 600 VAC, Sensitivity: beeps and vibrates ≤ 10 mmm (0.39 in) distance from a wire carrying 100 VAC Work light - • Input impedance 1 MΩ Operating time 30 seconds ON maximum and wait for five minutes before taking another measurement Operating altitude ≤ 6561 ft (2000 m) Operating temperature 41 °F to 122 °F (5 °C to 50 °C) Storage conditions -22 °F to 140 °F (-30 °C to 60 °C) Humidity (Without Condensation) ≥ 80% RH at 41 °F to 104 °F (5 °C to 40 °C); ≥ 50% RH at > 104 °F to 122 °F (> 40 °C to 50 °C) Power supply Three 1.5 V battery AAA, LR03, UM4 or equivalent Battery life 300 hours (alkaline) (typical) Electrical safety CAN/CSA-C22.2 No. 61010-1-12, UL 5td, No. 61010-1 (3rd Edition), CAN/CSA-C22.2 No. 61010-031-07, UL 61010-031 (1st Edition - 2007), CAN/CSA-C22.2 No. 61010-2-030-12, UL 61010-2-030(1st Edition - 2012) Overvoltage category CAT III 600 V CAT IV 600 V EMC Conforms to IEC 61326-1 Certification Sign C € Sign C € Dimensions (H x W x D) 5.90 x 2.13 x 1.34 in (150 x 54 x 34 mm)	Continuity tolerances	0 % to +50 %	
Vollect* non-contact voltage distance from a wire carrying 100 VAC Work light - distance from a wire carrying 100 VAC Input impedance 1 MΩ Operating time 30 seconds ON maximum and wait for five minutes before taking another measurement Operating altitude ≤ 6561 ft (2000 m) Operating temperature 41 °F to 122 °F (5 °C to 50 °C) Storage conditions -22 °F to 140 °F (-30 °C to 60 °C) Humidity (Without Condensation) ≥ 80% RH at 41 °F to 104 °F (5 °C to 40 °C), ≥ 50% RH at > 104 °F to 122 °F (> 40 °C to 50 °C) Pollution degree 2 Power supply Three 1.5 V battery AAA, LR03, UM4 or equivalent Battery life 300 hours (alkaline) (typical) Electrical safety CAN/CSA-C22.2 No. 61010-031-07, UL 61010-031 (1st Edition), CAN/CSA-C22.2 No. 61010-31-07, UL 61010-031 (1st Edition - 2007), CAN/CSA-C22.2 No. 61010-2-030-12, UL 61010-2-030(1st Edition - 2012) Overvoltage category CAT III 600 V CAT IV 600 V EMC Conforms to IEC 61326-1 Certification S. 90 x 2.13 x 1.34 in (150 x 54 x 34 mm)	Continuity buzzer		
Input impedance 1 MΩ Operating time 30 seconds ON maximum and wait for five minutes before taking another measurement Operating altitude ≤ 6561 ft (2000 m) Operating temperature 41 °F to 122 °F (5 °C to 50 °C) Storage conditions -22 °F to 140 °F (-30 °C to 60 °C) Humidity (Without Condensation) ≥ 80% RH at 41 °F to 104 °F (5 °C to 40 °C); ≥ 50% RH at > 104 °F to 122 °F (> 40 °C to 50 °C) Pollution degree 2 Power supply Three 1.5 V battery AAA, LR03, UM4 or equivalent Battery life 300 hours (alkaline) (typical) Electrical safety CAN/CSA-C22.2 No. 61010-1-12, UL Std. No. 61010-1 (3rd Edition), CAN/CSA-C22.2 No. 61010-031-07, UL 61010-031 (1st Edition - 2007), CAN/CSA-C22.2 No. 61010-2-030-12, UL 61010-2-030(1st Edition - 2012) Overvoltage category CAT III 600 V CAT IV 600 V EMC Conforms to IEC 61326-1 Certification Employed Employed Dimensions (H x W x D) 5.90 x 2.13 x 1.34 in (150 x 54 x 34 mm)	VolTect™ non-contact voltage	-	
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Operating altitude \$ 6561 ft (2000 m) Operating temperature 41 °F to 122 °F (5 °C to 50 °C) Storage conditions -22 °F to 140 °F (-30 °C to 60 °C) Humidity (Without Condensation) \$ 80% RH at 41 °F to 104 °F (5 °C to 40 °C); ≥ 50% RH at > 104 °F to 122 °F (> 40 °C to 50 °C) Pollution degree Power supply Three 1.5 V battery AAA, LR03, UM4 or equivalent Battery life 300 hours (alkaline) (typical) CAN/CSA-C22.2 No. 61010-1-12, UL Std. No. 61010-1 (3rd Edition), CAN/CSA-C22.2 No. 61010-031 (1st Edition - 2007), CAN/CSA-C22.2 No. 61010-2-030-12, UL 61010-031 (1st Edition - 2012) Overvoltage category CAT III 600 V COnforms to IEC 61326-1 Certification Dimensions (H x W x D) 5.90 x 2.13 x 1.34 in (150 x 54 x 34 mm)	Input impedance	1 ΜΩ	
Operating temperature 41 °F to 122 °F (5 °C to 50 °C) Storage conditions -22 °F to 140 °F (-30 °C to 60 °C) Humidity (Without Condensation) ≥ 80% RH at 41 °F to 104 °F (5 °C to 40 °C); ≥ 50% RH at > 104 °F to 122 °F (> 40 °C to 50 °C) Pollution degree 2 Power supply Three 1.5 V battery AAA, LR03, UM4 or equivalent Battery life 300 hours (alkaline) (typical) CAN/CSA-C22.2 No. 61010-1-12, UL Std. No. 61010-1 (3rd Edition), CAN/CSA-C22.2 No. 61010-031 (1st Edition - 2007), CAN/CSA-C22.2 No. 61010-2-030(1st Edition - 2007), CAN/CSA-C22.2 No. 61010-2-030-12, UL 61010-2-030(1st Edition - 2012) Overvoltage category CAT III 600 V COnforms to IEC 61326-1 Certification Dimensions (H x W x D) 5.90 x 2.13 x 1.34 in (150 x 54 x 34 mm)	Operating time	30 seconds ON maximum and wait for five minutes before taking another measurement	
Storage conditions -22 °F to 140 °F (-30 °C to 60 °C) Humidity (Without Condensation) ≥ 80% RH at 41 °F to 104 °F (5 °C to 40 °C); ≥ 50% RH at > 104 °F to 122 °F (> 40 °C to 50 °C) Pollution degree 2 Power supply Three 1.5 V battery AAA, LR03, UM4 or equivalent Battery life 300 hours (alkaline) (typical) CANVCSA-C22.2 No. 61010-1-12, UL Std. No. 61010-1 (3rd Edition), CANVCSA-C22.2 No. 61010-031-07, UL 61010-031 (1st Edition - 2007), CANVCSA-C22.2 No. 61010-2-030-12, UL 61010-2-30(1st Edition - 2012) Overvoltage category CAT III 600 V CAT IV 600 V EMC Conforms to IEC 61326-1 Certification Dimensions (H x W x D) 5.90 x 2.13 x 1.34 in (150 x 54 x 34 mm)	Operating altitude	≤ 6561 ft (2000 m)	
Humidity (Without Condensation)≥ 80% RH at 41 °F to 104 °F (5 °C to 40 °C); ≥ 50% RH at > 104 °F to 122 °F (> 40 °C to 50 °C)Pollution degree2Power supplyThree 1.5 V battery AAA, LR03, UM4 or equivalentBattery life300 hours (alkaline) (typical)Electrical safetyCAN/CSA-C22.2 No. 61010-1-12, UL Std. No. 61010-1 (3rd Edition), CAN/CSA-C22.2 No. 61010-031-07, UL 61010-031 (1st Edition - 2007), CAN/CSA-C22.2 No. 61010-2-030-12, UL 61010-2-030(1st Edition - 2012)Overvoltage categoryCAT III 600 VCAT IV 600 VEMCConforms to IEC 61326-1CertificationImage: CE Image:	Operating temperature	41 °F to 122 °F (5 °C to 50 °C)	
Pollution degree Power supply Three 1.5 V battery AAA, LR03, UM4 or equivalent Battery life 300 hours (alkaline) (typical) CAN/CSA-C22.2 No. 61010-1-12, UL Std. No. 61010-1 (3rd Edition), CAN/CSA-C22.2 No. 61010-031-07, UL 61010-031 (1st Edition - 2007), CAN/CSA-C22.2 No. 61010-2-030-12, UL 61010-2-030(1st Edition - 2012) Overvoltage category CAT III 600 V CAT IV 600 V EMC Conforms to IEC 61326-1 Certification Dimensions (H x W x D) 5.90 x 2.13 x 1.34 in (150 x 54 x 34 mm)	Storage conditions		
Power supply Three 1.5 V battery AAA, LR03, UM4 or equivalent Battery life 300 hours (alkaline) (typical) Electrical safety CAN/CSA-C22.2 No. 61010-1-12, UL Std. No. 61010-1 (3rd Edition), CAN/CSA-C22.2 No. 61010-031-07, UL 61010-031 (1st Edition - 2007), CAN/CSA-C22.2 No. 61010-2-030-12, UL 61010-2-030(1st Edition -2012) Overvoltage category CAT III 600 V CAT IV 600 V EMC Conforms to IEC 61326-1 Certification Certification 5.90 x 2.13 x 1.34 in (150 x 54 x 34 mm)	Humidity (Without Condensation)	≥ 80% RH at 41 °F to 104 °F (5 °C to 40 °C); ≥ 50% RH at > 104 °F to 122 °F (> 40 °C to 50 °C)	
Battery life 300 hours (alkaline) (typical) CAN/CSA-C22.2 No. 61010-1-12, UL Std. No. 61010-1 (3rd Edition), CAN/CSA-C22.2 No. 61010-031 (1st Edition - 2007), CAN/CSA-C22.2 No. 61010-2-030-12, UL 61010-2-030(1st Edition -2012) Overvoltage category CAT III 600 V CAT IV 600 V EMC Conforms to IEC 61326-1 Certification Image: Certification (150 x 54 x 34 mm)	Pollution degree		
Electrical safety CAN/CSA-C22.2 No. 61010-1-1-2, UL Std. No. 61010-1 (3rd Edition), CAN/CSA-C22.2 No. 61010-031-07, UL 61010-031 (1st Edition - 2007), CAN/CSA-C22.2 No. 61010-2-030-12, UL 61010-2-030(1st Edition - 2012) Overvoltage category CAT III 600 V CAT IV 600 V EMC Conforms to IEC 61326-1 Certification Image: Certification (150 x 54 x 34 mm)	Power supply	* * * * '	
Electrical safety CAN/CSA-C22.2 No. 61010-031-07, UL 61010-031 (1st Edition - 2007), CAN/CSA-C22.2 No. 61010-2-030-12, UL 61010-2-030(1st Edition - 2012) Overvoltage category CAT III 600 V CAT IV 600 V EMC Conforms to IEC 61326-1 Certification €	Battery life	1 1121	
EMC Conforms to IEC 61326-1 Certification €	Electrical safety	CAN/CSA-C22.2 No. 61010-031-07, UL 61010-031 (1st Edition - 2007),	
Certification €€	Overvoltage category	CAT III 600 V	CAT IV 600 V
Dimensions (H x W x D) 5.90 x 2.13 x 1.34 in (150 x 54 x 34 mm)	EMC	Conforms to	IEC 61326-1
	Certification	© (€ 🕸	
Weight Approximately 0.45 lb (205 g) with batteries installed	Dimensions (H x W x D)	5.90 x 2.13 x 1.34 in (150 x 54 x 34 mm)	
	Weight	Approximately 0.45 lb (205 g) with batteries installed	