

Test & Measuring Instruments

HIGH VOLTAGE PROXIMITY DETECTOR



CE

288SVD

FEATURES

- | Warning Proximity of AC Voltage (240V~50kV).
- | Water Proof (sealed to Ip65).
- | Easy to wear on Body, Belt, Helmet.
- | Ultra High bright LED indication.
- | High Pitch Sound indication.
- | Test & Diagnostic Circuitry.
- | Friendly Priority Alert Reporting.
- | Circuit Test Function.
- | High impact type casing.
- | Different Alerting Sound & Light.
- | Can be adapted to Sunrise (stick).

The Body-Prox 288SVD is a **Personal Safety Voltage Proximity Detector**.

It is a designed to alert the user that they are approaching live equipment where dangerous voltage is present.

The Body-Prox tells the user to stay at a safe distance from live equipments, therefore it protect and safeguard people from approaching dangerous Live High Voltage equipment or cable.

Live Alert is shown by a ultra bright LED on the front panel and heard via a **Buzzer**.

When Live equipment is detected near the user's body, the user will be alerted of the PROXIMITY OF LIVE equipment by the AUDIO ALERT (beeping) and the VISUAL ALERT (LED flashing) wice per second.

The 288SVD is an ultra low consumption product and can be used for months without replacing the 9V battery.

It can be tested by pressing both front panel buttons to proof the tester is working properly.

Should the battery become too low, a low battery indication will beep the buzzer and lit the led shortly every 5 seconds.

The Body-Prox is water proof and can be used in all weathers.

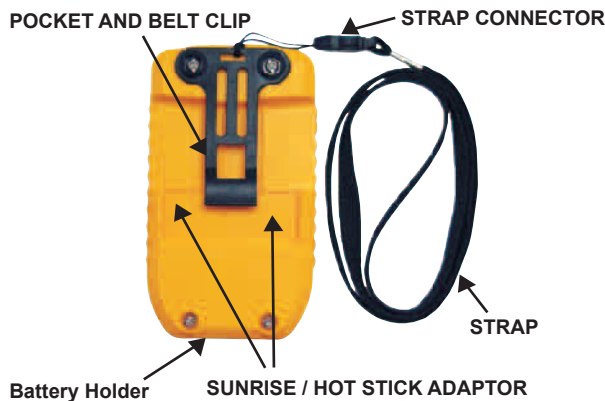
It has no voltage selection and the user does not need to know how to operate complicated test equipment. It is designed to be simple to use. It only require to proof it's good working condition.

This is done by simply depressing the two push buttons situated on the front panel.

A very easy to understand "Priority Alert" Reporting System (Audio and Visual) let the user know if an ac signal has been detected in the proximity (Buzzer and Red Light, BOTH "operates shortly twice per second").

Body-Prox, alert if battery is Low (Buzzer and Red LED, BOTH "operates shortly every 5 seconds) per second".

- | Removable neck belt.
- | Suitable for indoor and outdoor use.
- | Detect voltage on any systems.
- | Low Battery Indication.
- | All OK test indication.
- | Ultra low power consumption.
- | Meets EN61326 EN55011 EN61000-3-2 EN61000-3-3
EN61000-4-2 EN61000-4-3 EN61000-4-4
EN61000-4-5 EN61000-4-6 EN61000-4-11



Body-Prox FACTS & TIPS

- | Worn on the outside of clothing facing the direction of movement.
- | Safety Warning for Utility, Industrial or Rescue Personal.
- | Clip to Belt, Pocket, Safety Helmet or any other safety gear.
- | Worn around the neck using the removable neck lace/strap.
- | Rugged for outdoor use.
- | All Circuit integrity Test Buttons.
- | Small and Light in weight.
- | Never Sleeps - It is always "ON" and ready to warn you of danger.
- | Alerted before touching.
- | Detect the presence of High Voltage in the vicinity.
- | Body-Prox is a necessary tool for the protection of human life.
- | Used by non electrical employees which must work around HV or in an environment unknown to them.
- | Does not require any knowledge of electricity to use.

GENERAL DESCRIPTION

The 288SVD consist of an internal pickup AC sensor plate, a test (oscillator) and diagnostic circuit, an adjustable threshold comparator, a sound annunciator (buzzer), a visual indicator (super high bright led) and a 9V battery, all enclosed into the robust "beeper" style case.

The enclosure has a built-in clip to be able to be attached on the outer garments / external clothing or belt.

PRINCIPLE OF HOW IT WORK

The 288SVD detects AC voltages using it's internal AC sensor plate. The AC sensor plate pick up part of the radiated electric field in volts per meter (V/M).

The electric field is amplified and processed by the internal circuitry and once the processed signal is above the threshold, triggers the input of a integrated circuit, which start the oscillator for the buzzer and led. The Buzzer beeps and Led lit intermittently at a rate of 2 beeps/flash per second. The "Self-test" diagnostic is actioned by depressing simultaneously both push button on the front panel. The battery monitoring is always ON. Please see the priority of alert on the front panel.

It is recommended that when the 288SVD is used in HV yards of mixed voltages: In the presence of mixed voltages, it could become difficult to determine exactly which source has been detected or which source created the alert. Always treat all sources as LIVE.

