

# Personal Safety Voltage Detector



## 288 SVD

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

**It is an instrument designed to alert users that they are approaching live equipment where dangerous voltage is present.**

The **Body-Prox** helps the user stay a safe distance away from live equipment. It therefore protects and safeguards users from approaching dangerous live high voltage equipment or cables.

**When live equipment is detected near the user's body, the 288 SVD provides a clear proximity alert. The alert consists of an ultra bright LED on the front panel (flashing twice per second) and an audible buzzer (beeping).**

The 288 SVD is an ultra low consumption product and can be used for months without replacing the 9V battery. Its functionality can be verified by pressing both front panel buttons.

If a low battery is encountered, it will beep the buzzer and flash the LED once every 5 seconds.

The **Body-Prox** is waterproof and can be used in all weather conditions.

It has no voltage selection or complicated controls. It is designed to be simple to use, and only requires self-testing prior to use.

## GENERAL DESCRIPTION

The **288 SVD** consists of an internal pickup AC sensor plate, a test (oscillator) and diagnostic circuit, an adjustable threshold comparator, a sound annunciator (buzzer), a visual indicator (ultra-bright LED) and a 9V battery, all enclosed in a robust "beeper" style case.

The enclosure features a built-in clip enabling the unit to be attached to the user's outer garments or belt.

## HOW IT WORKS

The **288 SVD** detects AC voltages using its internal AC sensor plate. The AC sensor plate picks up part of the radiated electric field in volts per meter (V/M). The electric field is amplified and processed by the internal circuitry. Once the processed signal is above the threshold, the buzzer and LED are activated. The Buzzer beeps and the LED illuminates intermittently at a rate of 2 beeps/flashes per second.

**Note: 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.**

## FEATURES

- AC Voltage detection: 240V ~ 50kV
- Waterproof
- Easy-to-wear on body or belt
- Ultra-bright LED indication
- High pitch sound indication
- Self-test & diagnostic circuitry
- Friendly priority alert reporting
- High impact type casing
- Different alerting sound & light
- Meets EN 61326-1



- Dimensions: 114(L) × 67(W) × 27(D)mm
- Weight: Approx. 152g (battery included)
- Power supply: 9V(6F22) × 1