

# 11kV HV PERSONAL DETECTOR



ORDER CODE: TS-HV11

## KEY FEATURES

- 11kV Personal Detector
- Compact design
- Pocket clip
- Strap for a hard hat or sleeve
- Senses AC voltage from any type of AC HV system
- For use indoors and outdoors
- Waterproof
- Self-testing
- Audible tone and LED warning depending on level of voltage
- Low power consumption
- Compliant with:
  - EN61326-1
  - CISPR11
  - IEC 61000-4-2

## DESCRIPTION

An essential tool for all professionals who work in the rail industry or around high voltage equipment and installations, this personal detector instantly alerts the user to the presence of high voltage.

When a person wearing the detector approaches a high voltage source the detector will emit a warning alarm and an LED light indicator will flash, indicating to both the person wearing the detector and those around that high voltage has been detected within the immediate vicinity.

## SPECIFICATION

Voltage	110V	600V	1kV	2kV	6kV	8kV	11.4kV
Detection Range	2cm ± 0.3cm	6.7cm ± 0.5cm	11.5cm ± 1.0cm	22.5cm ± 1.0cm	57cm ± 1.5cm	71.5cm ± 2.5cm	84cm ± 3.0cm

### General Specification

Distance to Warning Start	80cm for 11.4kV (6.6kV to earth)
Frequency Range	50/60Hz
Volume	>65dB at a distance of 1m
Operating Temp / Humidity	5°C - 45°C / 80% RH Max
Dimensions	59mm (L) x 56mm (W) x 18mm (H)
Weight	35g (incl. battery)
Battery Type	CR2032 x 1
Battery Life	50 hours of continuous use
Compliance	EN61326-1, CISPR11, IEC 61000-4-2
Included Accessories	Strap, clip, instruction manual, battery

Specifications subject to change without notice

