



## Features

- ✓ Colour Code models for different voltage levels.
- ✓ Non-contact / Contact type Detectors.
- ✓ Indicates presence of High Voltage by Audio Annunciations as well as Visual Indications.
- ✓ Bright high intensity red LED's provide clear visual Bullet even in unfavourable daylight conditions. A Buzzer produces a loud beep which is audible even in noisy backgrounds.
- ✓ Supplied as a complete kit with HV Detector, Telescopic Fibre Glass Insulation stick and ergonomically designed sturdy carry bag.
- ✓ Self test button to test battery and proper functioning of HV detector.
- ✓ Powered by a single 9V battery type (6F22), easily replaceable on field.
- ✓ Type tested at CPRI/ERDA
- ✓ Available in FRP Telescopic Rod / FRP Sectional Hot Stick Rod in 1.2 / 3 / 5 mtr.

**Note :** Complies IS 2071 (Part-I) and IS 13770: 1993 for FRP Sectional Hot Stick Rod

## High Voltage Detectors

The Motwane HV Detector series provide an exceptional combination of user comfort and safety in one electrical safety device. The optimum LED layout, integrated audible signals and innovative self-test features form the basic elements on all voltage detection equipment types. HV Detector series are designed in contact type and non-contact type. The HV detectors are used to check for the absence or presence of voltage on medium and high voltage switchgear, transformers or overhead lines – electrical safety is imperative in all areas of power transmission and distribution at all voltage levels including MV, HV and EHV up to 400kV (suitable for 11 kV/ 33 kV / 132 kV / 220 kV/ 440 kV supply lines). It is available in FRP Telescopic Rod/FRP sectional hot stick. Powered by a single 9V battery. The HV detector starts annunciation with flashing red LED's and buzzer beeps indicating that the line is live and not safe to earth before carry any operations. HV Detector series is easy to use, hence jobs get done more quickly and safely. Reliably detecting high voltage on distribution and transmission voltage power lines is critical jobs performed by electric utility linemen.

## Applications

Useful for Utility, Industrial, Railway and for Mine Safety applications like following.

- Contact/Non-contact detection of live voltages.
- Check and detect live high voltage cables.
- Trace live wires
- Detect residual or induced voltages.

Technical Specification

Model	HV50P	HV50	HV132	HV220	HV440
<b>Voltage Range</b>	230V - 33kV	3.3kV - 50kV	11kV - 132kV	33kV - 220kV	66kV - 440kV
<b>Type</b>	Non Contact	Non Contact	Contact/Non Contact	Contact/Non Contact	Contact/Non Contact
<b>Sensing Distance</b>	-	-	1mtr - 3mtr - 5mtr	1mtr - 3mtr - 5mtr	1mtr - 3mtr - 5mtr

Accessories

Standard

- FRP Telescopic Rod 1.2 / 3 / 5 metre OR
- FRP sectional hot stick Rod 1.2 / 3 / 5 metre
- Carrying case