



MT222 Personal Safety Voltage Detector

The MT222 is a personal sensor for detecting AC Voltage from 100V AC to 22kV AC and alert users with bright LED indication and a loud audible buzzer sound, while approaching live equipment where dangerous voltage is present. The MT222 provides electric engineering personnel, power engineering personnel, firefighting personnel and instrument equipment workers with prominent warning when approaching high voltage source. Supplied with a rubber strap and hooks, the unit can be worn on the wrist, around the arm or placed on a safety helmet. The unit uses a CR2032 battery and typical battery life is around 50 hours.

Features

- Compact, easy to wear and convenient in use
- LED visual indication and Audible indication
- AC voltage detection from 100V to 22kV
- Non-contact detection by proximity
- IP65 waterproof housing
- Use on wrist, arm or on a safety helmet
- Self-test function
- Comply with EN 61326-1
- Low power consumption

Function	Range
AC Voltage Detection	100V to 22kV
Voltage Detection Distance	6.6kV (3.8kV to ground): 40cm ±20% 11.4kV (6.6kV to ground): 55cm ±20% 19.7kV (11.4kV to ground): 80cm ±20% 22.8kV (13.2kV to ground): 40cm ±20%
Detection Angle	90°
Frequency Range	50/60Hz
Sound Level	70dB or higher at 1m
Operating Temperature	0°C to +40°C
Operating Humidity	20% to 80% RH
Size	61 x 61 x 18.5mm
Weight	70g



Wearable on a
safety helmet



Wearable on the arm
over clothing

MT222 | **22.8kV AC Voltage Detector**

**Contact Us
South Africa**

www.major-tech.com sales@major-tech.com

Australia

www.major-tech.com.au info@major-tech.com.au