



MT273

HV NCV DETECTOR

The MT273 Non-Contact Voltage Detector tests for energized circuits and defective grounds, for an electrician on the factory floor or power utility company. The MT273 Non-Contact Voltage Detector's voltage sensor will flash blue and sound intermittently when in contact with high voltage or within close proximity of an outlet, terminal strip, or power cord.

Features

- Check and detect live high voltage cables
- Non-contact detection of live voltage
- Two ranges of selection: High / Low
- Power consumption: 20mA
- High & Low voltage detection mode
- Light weight, robust and compact
- Duty Cycle continuous

Function	Range
AC Voltage	50V -1.5kV/1.5kV-132kV
Duty Cycle	Continuous
Non Contact Voltage (NCV)	Yes
Response time	Instantaneous
Voltage Detector Visual	Bright Blue LED
Voltage Detector Audible	Continuous Beep
Power On Indicator	Flashing Blue LED
Size	245 x 80 x 37 mm
Weight	175g



MT269

SAFETY VOLTAGE DETECTOR

The MT269 is a personal instrument designed to detect voltage from 100V AC to 69kV AC and alert users with bright LED indication and a loud audible buzzer sound, while approaching live equipment where dangerous voltage is present. The MT269 being a safety voltage detector is supplied in a pouch to typically be hung around the user's neck and ensures the user stays a safe distance away from live equipment, and protects and safeguards users from approaching dangerous live high voltage equipment or cables.

Features

- Bright LED visual indication
- Audible indication
- AC voltage detection: 100V AC to 69kV AC
- Non-contact detection by proximity
- Convenient to use neck hanging strap and case
- On/Off switch Self-test function
- Comply with EN 61326-1
- Lightweight, robust and compact

Function	Range
AC Voltage Detection	100V to 69kV
Frequency Range	40 to 70Hz
Sound Level	> 99dB
Operating Temperature	0°C to +40°C
Operating Humidity	20% to 80% RH
Size	100 x 71 x 40mm
Weight	153g

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.



MT222

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