Non-Contact AC Voltage Detectors

multicompPRO

MP780768

MP780770

Description

These professional grade voltage detectors are designed with IP67 dust/water resistant and can withstand 2 meters drop. These durable devices are great for working in harsh environments. MP780768 has an optional vibration mode and MP780770 is able to detect magnetic fields.

Applications

Low voltage mode: Low-voltage motor (<90V), audio systems, arc welding machines, underground mining lighting, cables with thick insulation layer and other weak electromagnetic AC signals.

High voltage mode: Urban electric supply and three-phase systems (90V to 1000V). For example, power distribution units, electrical panels, electrical appliances.

Specifications

	MP780768	MP780770
AC Voltage (Low)	24V to 1000V	
AC Voltage (High)	90V to 1000V	
Frequency Range	50/60Hz	
Alarm Mode	Audio / Visual / Vibration	Audio / Visual
Vibration Mode	√	--
Magnetic Solenoid Detection	--	√
Built-in flashlight	√	
Audible (buzzer) and visual (LED) indication	√	
Buzzer	√	
LED indication	√	
Auto power off	√	
Low voltage indication	√	
Double injection molding	√	
Drop test	2m	
IP Rating	IP67	
Safety Class	CAT IV 1000V	
Operating Temperature	0°C to 40°C	
Storage Temperature	-20°C to 50°C	
Humidity	≤ 80% (Non-condensing)	
Altitude	< 2000m	

*Buzzer and sensing LED frequencies increases when detector gets closer to the test object.

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General Characteristics

Power   : 1.5V Battery (R03) × 2
Product colour   : Green
Product net weight   : 72g
Product size   : 160.5mm × 21.5 mm × 25mm
Warranty   : 03 years

Accessories	Qty.	Note
Operating Manual	1 piece	-
Battery	2 pieces	1.5V AAA × 2, Replaceable

Part Number Table

Description	Part Number
AC Voltage Detector, 24V to 1000V	MP780768
Magnetic Field & AC Voltage Detector, 24V to 1000V	MP780770

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro