VOLTAGE DETECTORS

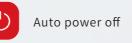
Non-contact voltage detectors can quickly detect live AC voltage. These handy devices are great for electricians to safely and quickly check the status of electrical wires. The UT12 series includes single/dual mode (UT12S/UT12D) and two PRO models (UT12E/UT12M) designed with vibration mode and magnetic detection mode. These PRO models are IP67 rated, suitable for working in industrial environments.

CATIV 1000V UTT 2D-US VOLTAGE DETECTOR

UT12 SERIES

AC Voltage Detectors

UT12 series non-contact AC voltage detectors are widely used in the maintenance of low voltage equipments such as conductors, cables, sockets, and other electrical/electronics instruments. It is a very handy tool for electricians.





LED indication



Buzzer



High/Low voltage mode (UT12D/E/M)



AC voltage detection

IP67 (UT12E/M)



Magnetic solenoid detection (UT12M)



Vibration mode (UT12E)





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 (90~1000V). For example, power distribution units, electrical panels, electrical appliances.





Built-in flashlight

SPECIFICATION	UT12S	UT12D	UT12E	UT12M	
Certificates	CE, RoHS, cETLus	CE, RoHS, cETLus			
AC voltage (Low)		24V~1000V	24V~1000V	24V~1000V	
AC voltage (High)	90V~1000V	90V~1000V	90V~1000V	90V~1000V	
Frequency range	50/60Hz	50/60Hz	50/60Hz	50/60Hz	
Vibration mode			√		
Magnetic solenoid detection				V	
Double injection molding			√	V	
Drop test	1m	1m	2m	2m	
Catagoriusatings	CAT IV 1000V- IDC	CAT IV 1000V- IDC7 (LIT12F (LIT12M)			

Category ratings	CAT IV 1000V; IP67 (UT12E/UT12M)	
GENERAL CHARACTERISTICS		
Power	1.5V battery (R03) x 2	
Product net weight	UT12D/UT12S: 50g; UT12E/UT12M: 72g	
Product size	UT12D/UT12S: 150mm x 18 mm x 23mm; UT12E/UT12M: 160.5mm x 21.5 mm x 25mm	
Standard accessories	Battery, English manual	
Standard individual packing	Gift box, blister	
Standard quantity per carton	40pcs	
Standard carton measurement	UT12D/UT12S: 350mm x 245 mm x 210mm; UT12E/UT12M: 415mm x 245 mm x 235mm	
Standard carton gross weight	UT12D/UT12S: About 3.6kg; UT12E/UT12M: About 3.8kg	

Buzzer and sensing LED frequencies increase when detector gets closer to the test object