

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.

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.



Auto power off



LED indication



Buzzer



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



AC voltage detection



Magnetic solenoid detection (UT12M)



IP67 (UT12E/M)



Vibration mode (UT12E)



UT12S/D

UT12E/M



● Built-in flashlight



Specifications	UT12S	UT12D	UT12E	UT12M
Certificates	CE, UKCA, 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				√
Double injection molding			√	√
Drop test	1m	1m	2m	2m
Category ratings	CAT IV 1000V; IP67 (UT12E/UT12M)			

Characteristics	
Standard accessories	Battery, English manual
Power	1.5V battery (R03) x 2
Product size	UT12D/UT12S: 150 x 18 x 23mm; UT12E/UT12M: 160.5 x 21.5 x 25mm
Product net weight	UT12D/UT12S: 50g; UT12E/UT12M: 72g
Standard individual packing	Gift box, blister
Standard quantity per carton	40pcs
Standard carton measurement	UT12D/UT12S: 350 x 245 x 210mm; UT12E/UT12M: 415 x 245 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