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.

- 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

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.

SPECIFICATION	UT12S	UT12D	UT12E	UT12M
Certificates	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				√
Double injection molding			√	√
Drop test	1m	1m	2m	2m
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