

Low Voltage Detector

HT-670 type

For AC50~600V

DC12~750V



Option: Grounding wire

■ Features

- Sensitivity switch-over by slider switch depending on the detection(bare conductor / insulated conductor)

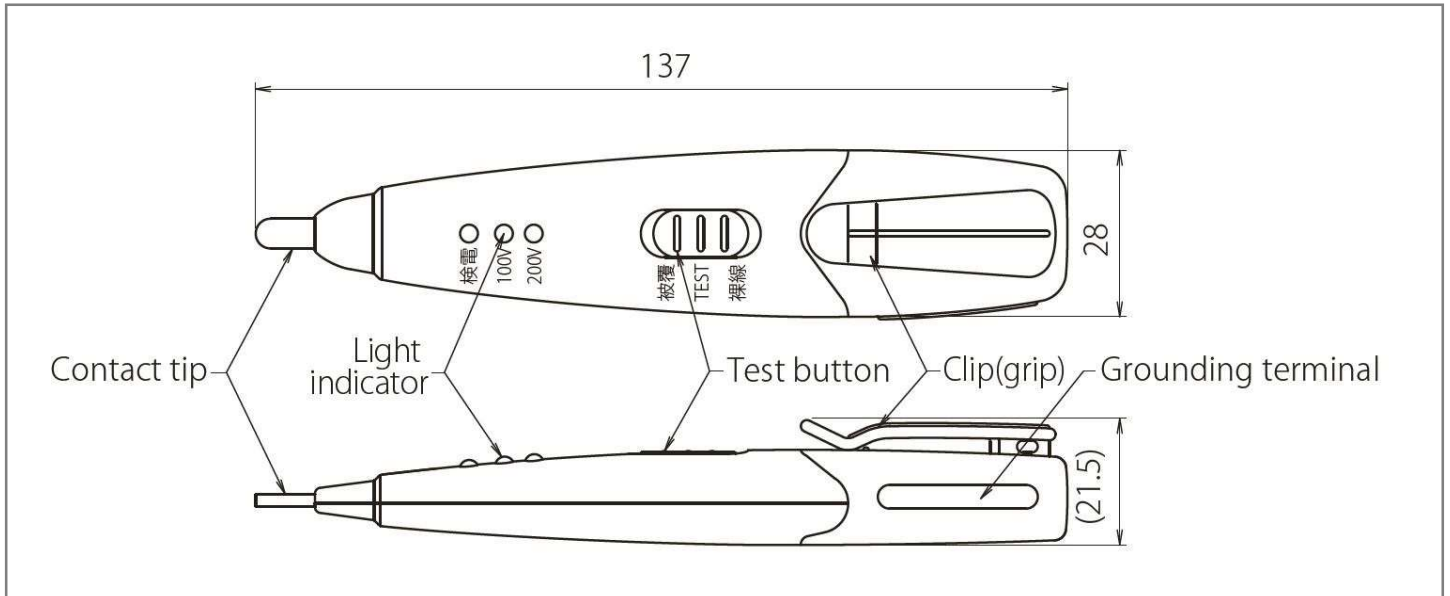
■ Option: Grounding wire [DF01027]

- Optional grounding wire can be used for Voltage discrimination function(discrimination of 100V, 200V)
Prevents unnecessary detection due to reverse induction voltage(Grounding wire should be contacted to grounded metal)

■ Specifications

Model		Without lead wire	With lead wire		
Working voltage range	AC	50~600V			
	DC				
Frequency		50/60Hz			
Operation starting voltage (Voltage to ground)	Coated wire (Sheathed wire)	AC	40V with insulated wire(IV.2mm,2),(intermittaent operation)		
		DC	-		
	Bare wire	AC	30±15V(continuous operation)		
		DC			
(At connection)	AC	-	100V LED light	30V±20V(continuous operation)	
	DC		200V LED light	140V±30V(continuous operation)	
Battery		LR44(1.5V) ×2pcs			
Battery life		About 1year with normal use			
Weight		about 26g(except lead wire)			

■ Dimensions

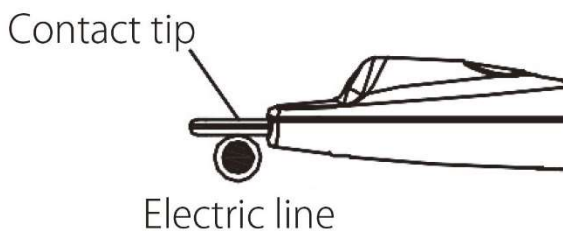


■ How to use

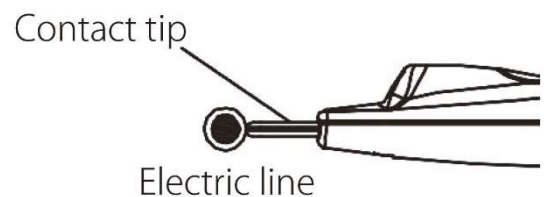
● How to make contact with the detector

To detect voltage correctly, make contact with the side of the tip to ensure large contact area. If not, capacitance decrease and operating sensitivity becomes low.

[Correct]

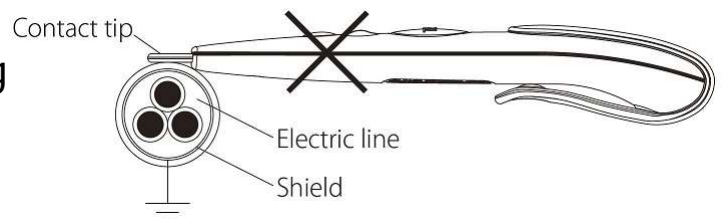


[Wrong]



● Voltage detection for shield cable is not possible.

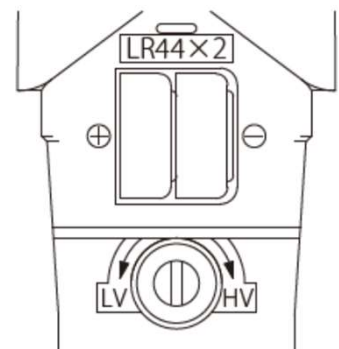
Voltage detector does not work because of the electrical shielding layer which is grounded.



● Sensitivity adjustment

Sensitivity adjustment can be made when it is required for some reasons such as below.

- ① Detection is not possible over the outer surface of the insulated cable.
- ② It is required to reduce the influence of induced voltage of the area etc.



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