



Underground Cable Fault Pinpoint Set (Sound-Magnetic Synchronization)

Part#: PIN158



Actual fault distance can be calculated in two ways:

1. Sound Volume of discharging;
2. Time difference between magnetic signal and sound signal.

Immediately when the fault discharges due to HV applied continuously, both sound and magnetic signals are sent out just from there and can be detected by earth probe when they reaches. So time difference between sound signal and magnetic signal can be used to calculate the actual fault distance.

Features:

Advantages of this new design, compared with old instrument:

- ①. Better discharge sound quality, more quiet background;
- ②. Magnetic signal selectable, auto setting for sound and magnetic signal;
- ③. Adopt Mute technology and BNR intelligent background noise

reduction technology. Volume limit can be turned on/off.

④. Black Arrow (→) always points to the fault position, and remind of return if users walk across the fault.

⑤. Yellow Arrow (→) directs to cable route, ensure that it move absolutely above the cable.

⑥. Compare time difference before and after discharging sound.

⑦. Earth Probe design: self-falling, height adjustable, soft/hard/lawn sensors provided

Characteristics:

①. Dynamic measurement range:

voice channel >104dB, channel >110 dB

②. Frequency range: 100 Hz---1500 Hz

③. Discharging sound amplification: >90dB,

④. Volume limit: 84dB (A), can be turned on/ off

⑤. Filter settings: no filter, 100 Hz---1500 Hz
Low-pass: 100Hz---400 Hz,
Band-pass: 150Hz---600 Hz:
High-pass 200Hz---1500 Hz

⑥. LCD Screen: highlight, color, 320 x 240

⑦. Battery: Alkaline



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