

Locator S Cable sheath fault pinpointer

The pinpointer **Locator S** is designed to locate cable (outer) sheath faults on shielded or unshielded plastic insulated cables accurately. It effectively measures step-voltage potentials in the earth that will develop during faults in underground cable sheaths. In combination with a suitable test generator (DC pulse or surge) the precise location can be detected offline. The Locator S consists of a digital voltage

detector and two step voltage probes. After spiking the flexible probes of the detector will show the direction to the fault on the easy understandable display. The step voltage potential will increase when the fault is approached. The point of polarity reversal (zero) will indicate the precise location of the fault.



- + Most Accurate Pinpointer with μV Sensitivity
- + Ergonomic and Lightweight Enclosure
- + Large Transflective Display

APPLICATIONS & FEATURES

- Precise pinpointing of cable (outer) sheath faults within underground networks in combination with suitable test generator;
- Locating of other earth faults;
- Display of direction to fault during fault locating;
- High sensitivity of sensor supports rapid indication;
- Integrated filters for interference suppression;
- Pulse cycle recognition and display;
- Automatic zero compensation;
- History bar;
- Rugged design of housing and plugs (IP66).

SPECIFICATIONS

Locating modes:

Step-Voltage DC	DC measurement
Step-Voltage Surge	peak value measurement

Key indicators:

Voltage	discrete value
Actual bar	neg./pos. polarity; switchable
History bar	neg./pos. polarity; switchable
Pulse cycle	DC and Surge modes

Measurement precision:

measurement range	$\pm 20\mu\text{V}$ to $\pm 250\text{V}$
highest sensitivity	$20\mu\text{V}$
input resistance	$500\text{k}\Omega$
interference suppression	$50/60\text{Hz}$; $16\frac{2}{3}\text{Hz}$; CPS; DC

GENERAL DATA

display	$160 \times 104\text{mm}$; backlit
dimensions	$100 \times 190 \times 100\text{mm}$
IP rating	IP66
weight	$0,7\text{kg}$
battery	LiFePo4; 40hr operation USB charger
earthing probes	$2 \times 1000\text{mm}$ (dividable)

SCOPE OF SUPPLY

Pinpointer Locator S with two earthing probes
Bag for pinpointer and spikes
User manual on CD

OPTIONS

HTD 6 cable sheath tester
BFL 6 bridge fault locator for pre-locating