ESG 80-2
Earth Fault Locator

Description:

Earth Fault Locator ESG 80-2

for pinpoint location of sheath faults. This instrument is a highly sensitive galvanometer and is provided with an amplifier. Interfering DC voltages can be suppressed with a compensation circuit.

The pinpoint location method

Pinpoint location of a sheath fault is based on the step voltage method. The test current flowing into the ground at the point of fault results in a peak at the fault. This peak is located with the two earth spikes and an earth fault locator. In front of the fault position, the step voltage increases as one approaches the fault and decreases after the fault with a change in polarity.

Technical features

- Active mode with amplification and compensation for repressing stray voltage.
- Passive mode for use without battery power supply
- 6 sensitivity ranges
- Utmost measuring sensitivity for faults in the µA range.
- Easy handling and fault direction indication
- Variable earth spike distance for high sensitivity, even far away from faults

Technical Data:

Ammeter:	50 – 0 – 50 µA
Sensitivity:	0.14 V (without amplification) 0.50 mV (with amplification)
Ranges:	2 x 6 switching stages
Compensation:	± 100%
Power supply:	6 x 1.5 V Mignon
Dimensions (L x D x H) :	210 x 90x 120 mm
Weight:	1 kg

Scope of Delivery:

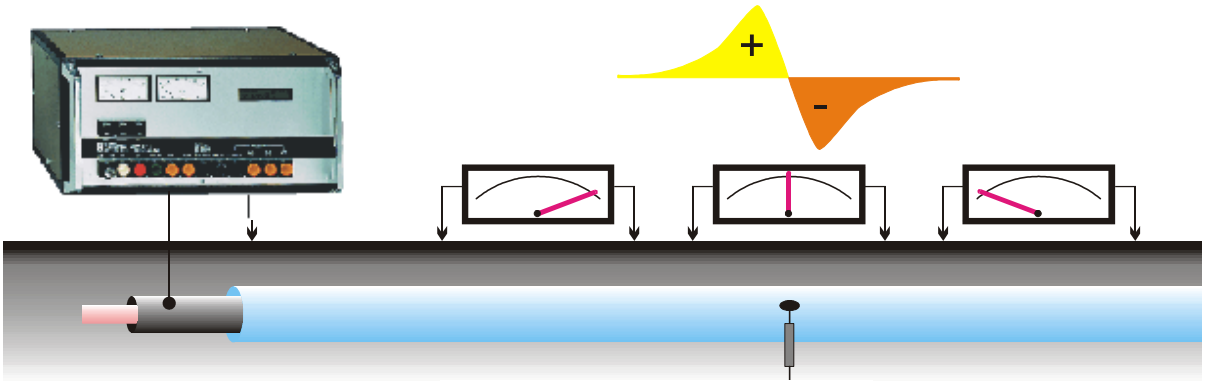
Receiver ESG 80-2

2 earth spikes

2 connecting leads

Set of batteries

Manual



Pinpoint location of a sheath fault

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Technische Änderungen vorbehalten