pipeline cable fault locator

General information about Underground pipeline cable fault locator AD-PD2086

The Pipeline & Cable Locator consists of a Transmitter, a Receiver and Accessories, used in the underground pipeline&cable route accurate locating, the burying depth measuring, long distance tracing, and insulation fault point detecting. We adopted multicoil electromagnetism technology on the Pipeline & Cable Locator, enhanced the pipeline&cable location precision for the burying depth and the goal pipeline identification capability, also could accurately carry on tracing and location to the goal pipeline&cable in the pipeline&cable crowded complex region.

So the Pipeline & Cable Locator is widely used in the telecommunication, electric, water supply, natural gas, physical prospecting, petrochemical and city construction etc.

What is the Electric Power Underground cable fault locator Function?

Detect the route of underground pipeline cable Measure the burying depth of underground pipeline cable Identify the target pipeline cable under multiple underground pipeline cable ondition Detect and locate the insulation fault point of the underground pipeline cable.

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Technical specification of the device:

Transmitter Specification:

- Signal frequency for Injection method:480Hz,7.7KHz,31KHz ,61KHz
- Signal frequency for Induction method:31KHz,61KHz
- Signal frequency for Clamping Method:31KHz
- Fault Finding:480Hz
- Output Voltage:0-400Vp-p adjust according to the insulation condition
- Output Wave Shape:Sine Wave
- Power Supply:11.1VDC 4.4AH Li-battery
- Max. Output Power:10W

Receiver Specification:

- Power Loss:<1.0W
- Power Supply:11.1VDC 1.8AH Li-battery
- Max. burying depth for detecting:4.5m (Normal Condition)
- Tolerance of burying depth for detecting:±0.05H±5cm('H' is Pipeline burying
- depth)
- Tolerance of route for detecting:≤5cm
- The effective length under detecting pipeline route and depth with Injection
- method:≥ 10Km (Normal Condition)
- The effective length under detecting pipeline route and depth with Induction
- method:≥ 3Km (Normal Condition)
- The effective length under detecting pipeline route and depth with Clamping
- method:≥ 6Km (Normal Condition)
- Insulated fault detecting:≥2 MΩ
- Operating Temperature:-20 ~ +50 degree centigrade
- Storage Temperature:-40 ~ +70degree centigrade
- Relative humidity:10%~90%
- Atmospheric pressure:86~106KPa
- Environment noise:≤ 60dB

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