

Water Leak Detection System

SYNOPSIS Distance Locator

General Description:-

The distance locator is an addressable standalone water leak detection panel. The key feature of the panel is that after detecting a leak it shows the distance at which the leak is detected. The panel also detects a cable break condition in which we come to know if the connected cable is in proper working condition. This panel is equipped with an internal sounder and it also activates a common hooter whenever it detects a leak or a fault. The panel communicates with the BMS integration software using Modbus.



Synopsis Tech Pvt. Ltd.

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Salient Features :-

- Operates on 230V 50 HZ AC
- Has potential free output and LED indication.
- Displays distance to leak location in meters.
- Indicates cable break condition.
- Maximum length of linear leak detection cable is 150meters.
- Can detect leak anywhere along the entire cable length.
- Built in audio sounder and common hooter output.
- Easy to install and operate.
- Self-restoring.
- Soft membrane switches.
- Communicates with the BMS integration software using Modbus.

Technical Specifications:-

- Supply Voltage : 230V AC – 50Hz +/- 10 %
- LCD Display : Backlit
- Max. Cable length :150 meters
- Relay Type Leak : Common Relay output
- Internal Sounder : Buzzer to indicate leak and fault
- External Sounder : Hooter 24VDC
- Fuse : 2 Amp
- Current consumption standby :0.4Amp
- Alarm State :1 Amp
- Working temperature : 10 to 50 *C
- Construction : Metal Enclosure Wall mounted
- Size (HXWXD) : 250x250x90 mm