



LEAK DETECTION – LEAK-SENSE ZONED LOCATING MODULE ZLM-500



The 'Aqualarm' Zoned Locating Module shall be wall mounted and be of a mild steel construction and powder coated.

The Zone Locating Module shall generate Pulsed Echo Radar signals, which shall be transmitted along the entire length of the Leader/Jumper and Detecting Cables. Any change in the characteristics of the cable, whether water detected or open circuit, occurs, these are compared to pre-programmed limits and when these limits are exceeded, an alarm signal providing the meterage reading accurate to +/- 1 metre, will be sent to the designated 'Aqualarm' master control panel.

The ZLM-500 is capable of monitoring up to 500m of combined Leader/Jumper and Detection cables.

Power to the ZLM-500 is generated via the 'Aqualarm' CAN network.

A local, volt free alarm contact is available within the ZLM-500. Other alarm contacts will be available from the designated 'Aqualarm' master control panel.

The ZLM-500 can only be used within a network designed system connected to either an i-Zone control panel or One-Touch system to monitor and display the relevant alarms and information.

Main features

CAN BUS Technology.
System will monitor 500m of combined cable.
Door 'Power Off' Interlock Switch.
'Power On' LED.
Key Operated Cabinet Lock.
Alarm Relay Output.
Network Fail Relay Output.
Powder Coated RAL7035.

Outputs

RS-232
RS-485

Resolution

+/- 1 metre.

Power Supply

24 volts via 'Aqualarm' CAN network.

Normal Operating Voltage

24 volt D.C. internally supplied.

Cabinet Rating

IP 54.

Operating Temperature

0 - 50 deg.C.

Approvals

BS EN ISO 9001: 1994
EMC Directive 89/336/EEC
EC Marked.

Cabinet Dimensions

Height 150mm
Width 200mm
Depth 85mm