

# Water Leak Detector

## WLD Panel



ANISO9001: 2008 COMPANY-

### Features

1. Water Leak Location in Meters.
2. Water Leak Detection Accuracy is  $\pm 1$  Meter.
3. Optional 2 To 8 Zones (Area) Adaptability.
4. Programmable Zone Isolation Facility.
5. Programmable Zone Name Editing Facility.
6. 20 x 4 Alphanumeric LCD for Displaying Status of Panel.
7. Led Indication for Individual Zone Status.
8. On Board Piezo Electric Audio Output for Unhealthy Conditions of Panel.
9. On Board Potential Free Contacts:
  - Contact for Zone Alarm Condition.
  - Contact for Zone Fault Condition.
  - Contact for NAC (Notification Appliance Circuits) Interfacing.
10. On Board Power for NAC (Notification Appliance Circuits).
11. Tampering Protection with Visual and Audible Indication.
12. Internal Audio Output and External NAC Can Be Silenced and Acknowledged.
13. Panel Automatically Resets from Alarm Condition When Sensor Cable Is Dry Again.
14. Event Log Facility.
15. Optional Modbus (RS485) Interfacing.
  - Programmable Modbus Device Id and Baudrate.
16. Optional Relay Board Interfacing:
  - Programmable 8 Potential Free Contacts for Common/Individual Zone Status.
17. Optional Battery Backup (Inbuilt) Facility:
  - 24 Hour Backup in Normal Condition.
  - 2 Hours Backup in Alarm Condition.
18. Environmental Friendly Panel - Single Battery.



### Technical Specifications

1. **Supply Specification:**  
Supply Voltage: 230V AC  $\pm 10\%$  50 Hz.
2. **Battery Specification:**
  - Inbuilt Trickle Charging.
  - Lead Acid Battery 12V -7Ah
  - No of Battery – 1.
  - Charging Voltage: 15.9 VDC.
3. **Zones Input Specification:**  
Sensor Cable:
  - Leader Cable: 0.5 Meter (By Default).
  - Sensor Cable Length: 5 Meters to 100 Meters per Zone.
  - Sensor Cable Diameter: 4mm.
  - Sensor Cable has 4 Conductors, 2 Water Resistive Pairs.
  - Sensor Cable is Corrosion Resistant.
  - Sensor Cable doesn't require Replacement after being Wet.Only One Sensor Cable can be Connected to each Zone.
4. **Notification Appliance Circuits (Sounder/Hooter Circuit):**  
Operating Nominal Voltage: 12 VDC  
Hooter (NACS) Output: 0.25 amp Maximum
5. **Potential Free Contact Outputs:**

Alarm Contact (N, NO):	125VAC@ 1A / 30VDC@ 2A
Fault Contact (N, NO):	125VAC@ 1A / 30VDC@ 2A
NAC Contact (N, NO):	125VAC@ 1A / 30VDC@ 2A

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