

# Water Leak Detector

## WLD Panel



ANISO9001: 2008COMPANY-

The H2O Alert-M panel is a 10 zone panel with 20x4 alphanumeric display, LCD LED indication for zone status, mains battery status. On board piezo electric audio output for unhealthy conditions of panel, on board potential free contacts for zone alarm condition, zone fault condition, (Notification Appliance Circuit) NAC N A C interfacing & 10 individual contacts for zone alarm condition.

The H2O Alert-M panel also has on board power for NAC (Notification Appliance Circuit) tampering protection with visual and audible indication, internal audio output and external NAC can be silenced and acknowledged, two circuits of Modbus (RS485) interfacing, optional battery backup (inbuilt) facility with 24 hour backup in normal condition, 2 hours backup in alarm condition, environmental friendly panel - single battery & optional event log facility.

### TECHNICAL SPECIFICATIONS

#### POWER SUPPLY

- Supply Voltage: 230VAC  $\pm$  10 % 50 Hz.

#### BATTERY

- Inbuilt trickle charging.
- Lead acid battery 12V -7Ah
- Charging Voltage: 15.9 VDC.

#### NOTIFICATION APPLIANCE CIRCUITS (Sounder/Hooter Circuit)

- Operating Nominal Voltage: 12 VDC
- Hooter (NAC) output: 0.25Amp maximum

#### POTENTIAL FREE CONTACT OUTPUTS

- One Common Alarm Contact (C, NO): 125VAC@ 1A / 30VDC@ 2A
- One Common Fault Contact (C, NO): 125VAC@ 1A / 30VDC@ 2A
- One Common NAC Contact (C, NO): 125VAC@ 1A / 30VDC@ 2A
- Ten Individual Alarm Contact (C, NO): 125VAC@ 1A / 30VDC@ 2A

### PRODUCT TECHNICAL SPECIFICATIONS

- Supply Specification  
Supply Voltage: 230VAC  $\pm$  10 % 50 Hz.
- Zone Input Specification  
Sensor cable length: 1mtrs to 150 mtrs per zone.  
Only one sensor cable can be connected to module.
- Notification Appliance Circuits (Sounder/Hooter Circuit)  
Operating Nominal Voltage: 12 VDC  
Hooter (NAC) output: 0.25Amp maximum.
- Potential Free Contact Output  
NAC Contact (NO, C, NC): 1 25VAC@ 1A / 30VDC@ 2A.
- Mechanical Dimensions  
165mm X 80mm X 45mm



#### DISPLAY

7 Segment Display.

### PRODUCT FEATURES

- Single area coverage
- Precision to display 1 meter accuracy in alarm.
- ON board piezo electric audio output for event status.
- ON board one potential free contact for alarm condition.
- ON board power for NAC (Notification Appliance Circuit).

#### SENSOR CABLE

Reliably senses any conductive fluid.  
Non conductive and abrasion resistant polymers increase the strength of the cable.  
pressure on the cables will not create any false alarm.

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# Water Leak Detector

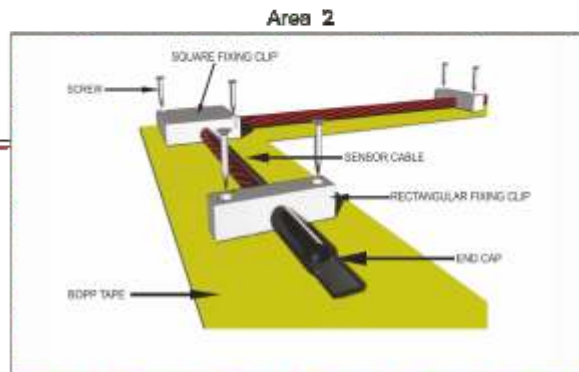
WLD Panel

PCD20 WLD 2Z / PCD20 WLD 4Z

PCD20 WLD 6Z / PCD20 WLD 8Z



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## FEATURES

- Panel acts as Master capable of handling 10 Slave modules.
- 2 wire communication.
- Personal independent network.
- Single monitoring and controlling unit.
- Longer area coverage.
- Optional 1 to 10 zones (area) adaptability.
- Auto detection of no. of modules connected.
- Supervised module loop connection.

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