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# RWM

## Water Leak Detection Sensor

### Installation and Operation

### Manual



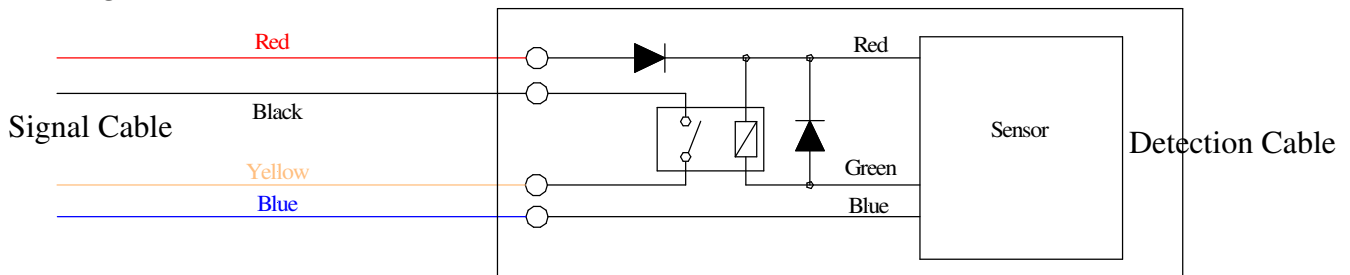
**Installation**

The unit requires a 12 to 24 volt supply to drive the unit and gives a volt free (dry) contact that changes from open to closed or if requested, closed to open.

The detection sensor is susceptible to damage and should not be fitted to areas where it is likely to be damaged or walked on.



**Sensor wiring**



**Connections**

**Red Wire = 12-24VAC live or 13-24VDC +**

**Black Wire = Volt free Contact common**

**Yellow Wire = Volt Free Contact Normally Open, Close in alarm**

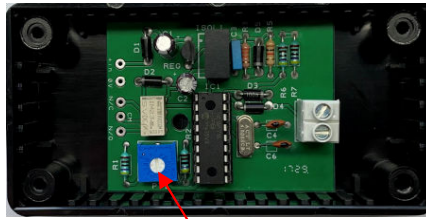
**Blue Wire = 12 - 24VAC Neutral or 13 - 24VDC negative**

The white signal cable should be terminated between the sensor and the main alarm/BMS in the following manner.

Main Controller terminal number	Signal wire colour
+VDC/AC	Red
0VDC/AC	Blue
Contact N/O (N/C)	Yellow
Contact N/O (N/C)	Black

### ***Sensitivity adjustment***

To increase the sensitivity of the cable turn the potentiometer ANTI CLOCKWISE, to decrease the sensitivity turn CLOCKWISE.



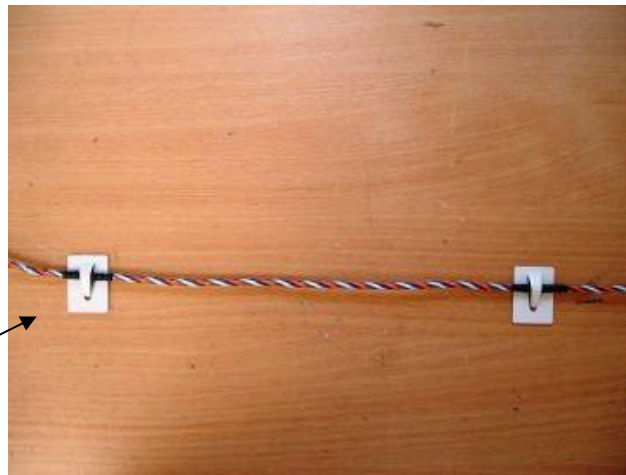
Increase Sensitivity



Decrease Sensitivity

### ***Fitting Cable Clips***

If Cable Clips are required, to protect the small sensor wires and to stop false water detected alarms from occurring insulating tape should be first applied around the detection cable before the clip tongue is closed. Clips should be fitted approximately every 1 to 1.5 metres apart. When using clips make sure that the cable touches the floor between the clips, **DO NOT** tighten the cable so that the cable does not touch the floor.



Insulating Tape  
Under the fixing  
clip tongue

### **Specification**

Housing Type	ABS Plastic
Size	120mm wide x 25mm high x 50mm deep
Colour	Black
Input Power	12-24 VAC or 13-24 VDC
Burden	20mA
Voltage to sensors	Bi-Directional 5 Volts
Connections to sensor	Internal 2 way terminal block
Outputs	30 VAC/DC 1 amp N/O (close in Alarm) or N/C (Open in Alarm) contact: please specify

