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# Water Leak Detection Sensor Type RWM Data Sheet

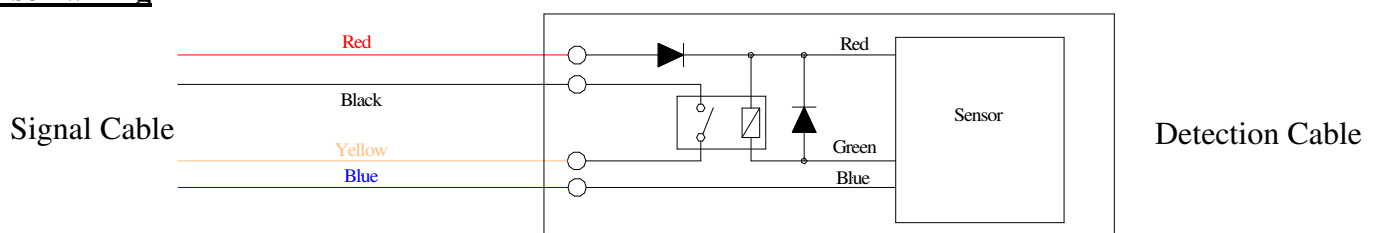


The unit has been designed to detect the presents of water or any conductive liquid. The RWM detects water by pulsing a bi-directional current (AC) across the sensors and closes a volt free relay contact when water is detected that can be used by existing alarm systems including Building Management Systems (BMS) or any existing alarm system such as a Fire alarm panel or burglar alarm.

A sensitivity adjustment potentiometer is provided within the module allowing the detection from just small amounts to a large amount of a conductive liquid across the sensor. If required the unit can be set at our factory to ultra-sensitive allowing the detection of deionised water.

A range of sensors can be provided from cable which detects along its entire length to spot probes/pads for detection in drip trays, sump tanks or high/low level detection. Cable would be used to detect leaks along pipe runs or under equipment such as air conditioning plant ensuring that any leak will be detected.

### 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**

### 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