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Water Leak Detection Sensor Type RWM Data Sheet

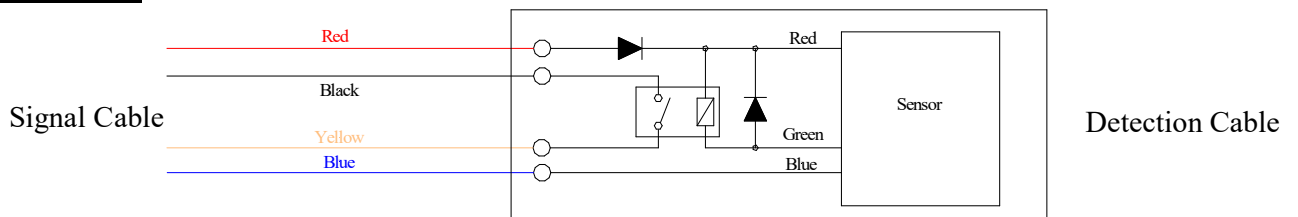


The unit has been designed to detect the presents of water or any conductive liquid. The RWM detects water by pulsing a bi-directional current (AC) across the sensors and closes a volt free relay contact when water is detected that can be used by existing alarm systems including Building Management Systems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