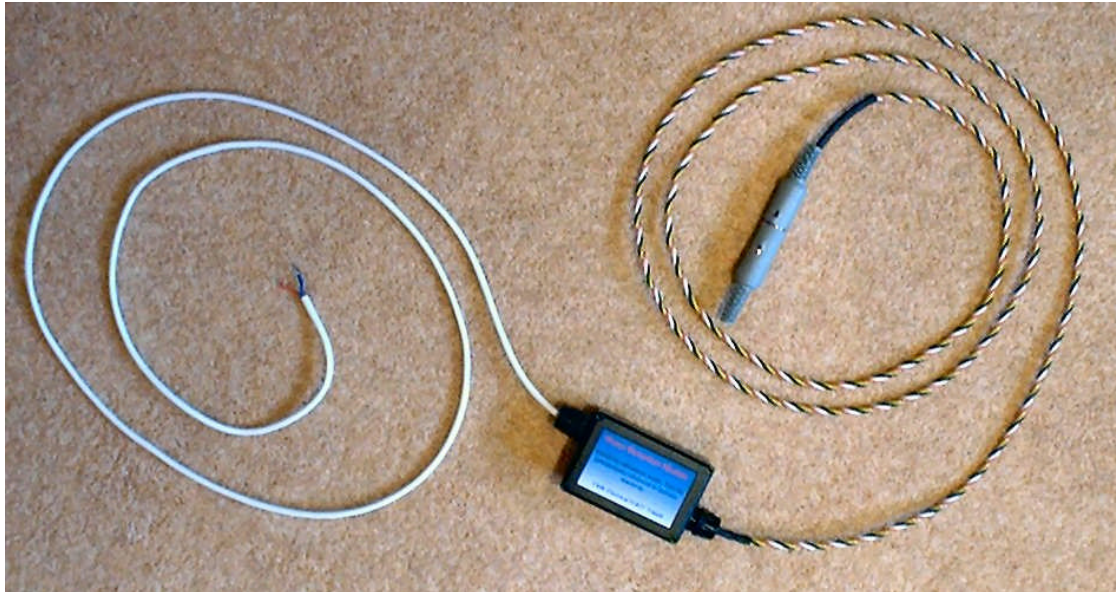




CMR Electrical Ltd
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Five Chimneys Lane
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East Sussex
TN22 4DX
Tel: 01825 733600

Low Cost Single Zone Water Detection Module Type RWM

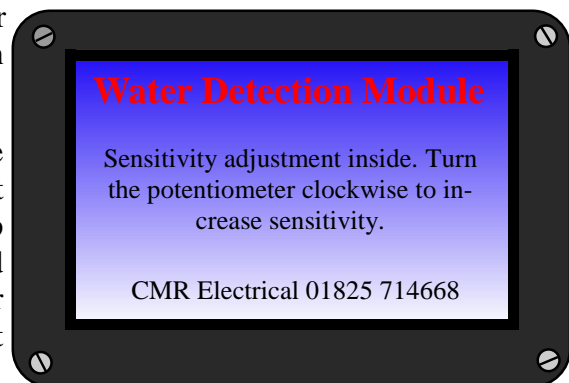


Picture showing signal cable in white, WDM module and Detection cable

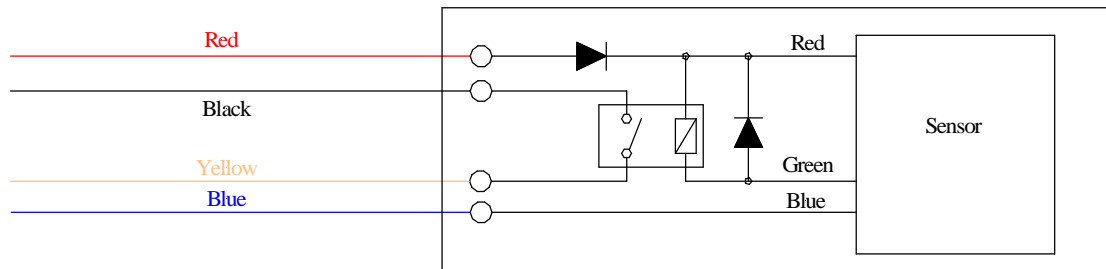
The unit has been designed to detect the presents of water or any conductive liquid. The WDM unit detects water by pulsing a bi-directional current (AC) across the sensor. A relay output is provided which can be used to send a water detected signal to a Building Management System or any existing alarm 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.



RWM External Connection Information



Connections

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

Black Wire = Volt free Contact common

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

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

Specification

Housing type	ABS Plastic
Size	120mm wide x 65mm high x 40mm deep
Colour	Black
Input power	12-24 VAC or 13-24VDC
Burden	20mA
Signal termination	3m long 4 core cable
Voltage to Sensors	Bi-Directional 5Volts
Connections to Sensor	Internal 2 way terminal block
Outputs	30VAC/DC 1 amp N/O (close in Alarm) or N/C (open in Alarm) contact; please specify