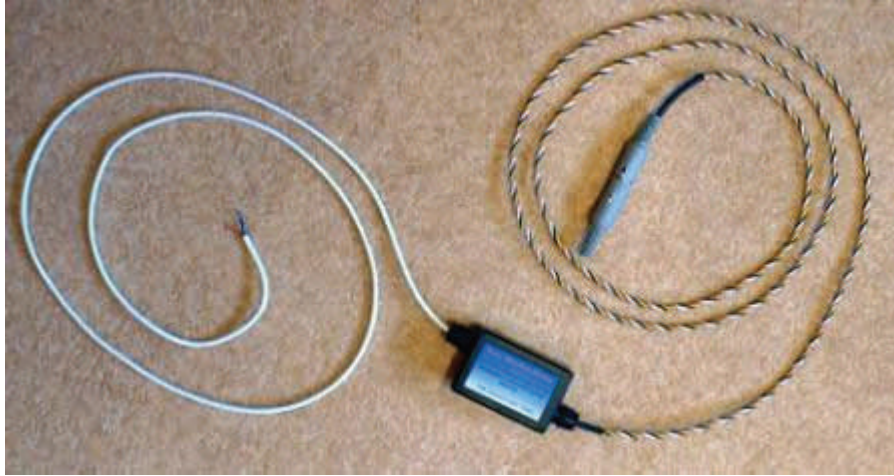


Low Cost Single Zone Water Detection Module



Sized at 100mm wide x 50mm high x 25mm deep, the unit has been designed to detect the presents of water or any conductive liquid. The unit detects water by pulsing a bi-directional current (AC) across the sensor. An open collector output is provided Which can be used to operate an external relay (provided by others). This relay can then be used to start/stop pumps, send a water detected signal to a Building Management System (BMS) or any existing alarm system such as a Fire alarm panel or burglar alarm. Any number of modules can be connected to a common relay giving a multi zoned system with a common alarm relay output. 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.



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