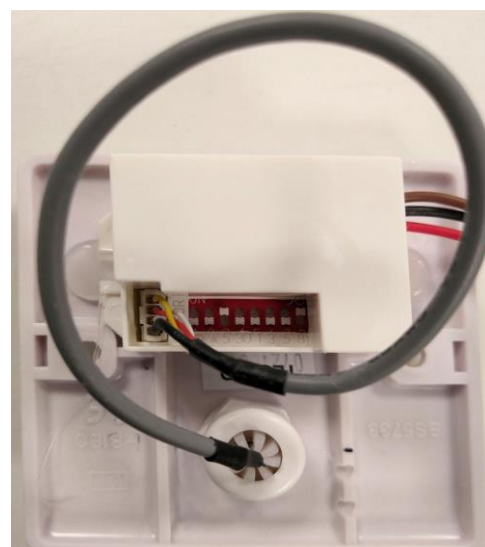
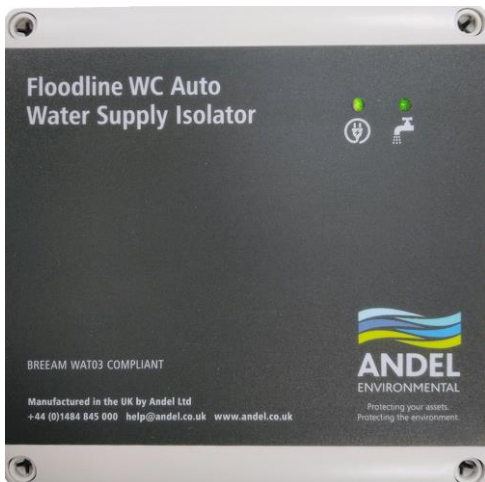


FLOODLINE WC Auto Isolator



The BREEAM® (BRE Environmental Assessment Method for Buildings Around the World) assessment process was created in 1990 with the first two versions covering offices and homes.

Versions are updated regularly in line with UK Building Regulations and different building versions have been created since its launch to assess various building types.

Credits are awarded according to the environmental impact of a building's development and use. The credits are added together to produce a single overall score. The building is then rated on a scale of "PASS, GOOD, VERY GOOD, EXCELLENT or OUTSTANDING" and a certificate is awarded to the development.

The WC Auto Water Supply Isolator system is a flow control device fitted to each WC area/facility to ensure water is supplied only when needed (and therefore prevent water leaks and water wastage).

As defined by the standards in "W03" it is an automatic device detecting occupancy or movement in an area to switch water on and turn it off when the presence is removed. It can aid in the accumulation of credits subject to a successful audit by an authorised assessor as it is worth 1 credit under W03.

The Floodline WC Auto Water Supply Isolator system comprises a control panel and PIR (Passive InfraRed) sensor and these have the combined ability to control up to three solenoid valves and a further two PIR sensors if required.

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Our products can help achieve recognition within BREEAM® subject to suitable assessment by an authorised assessor.

For further information about BREEAM® visit their website at <http://www.breem.org/>

Function:

Isolation of water supply to WC area when there is no movement / presence detected. The control panel can have up to 3 solenoid valves and 3 PIR's connected.

Power:

Mains Supply: 86-264Vac 50/60Hz

Mains Fuse Protection: 3 Amp

Maximum Current Consumption: 60W,

Minimum Current Consumption approximately: 150mA

Construction:

IP55, ABS enclosure.

Dimensions:

H175 x W175 x D50 mm

Fixing:

Control panel: Internal wall surface mounted, (optional wall brackets supplied) with the unit.

PIR: Single gang dryline or surface mount back box.

Monitoring:

Continuous monitoring for movement at the PIR location – up to 3no PIR's can be connected to each system.

Time delay from 30 seconds up to 8 minutes after no movement.

Status and Alarm Indicators:

Power: Green LED.

Water on: Green LED (off when water supply shut)

Output R1

3 simultaneous outputs, 1 for each solenoid.

Solenoid Valves:

WRAS approved brass solenoid valves supplied with 12Vdc coil and plug.

Sizes: 15 / 22 / 28 / 34 / 42 / 50mm

- (up to 3 valves per system)

Output R2

Single pole double throw Relay output switch, clean contact switch, only used to simultaneously switch the lighting circuit on at the same time the PIR sensor activates to ON.

A typical lighting circuit maximum is (rated at 230V 6A) R2 (RELAY) maximum switching capacity is (10 Amps)