Floodline Leak Detection

Floodline breeameter

BREEAM® "Major Leak Detection"

Wo2
Where evidence is provided to demonstrate that a water meter with a pulsed output will be installed on the mains supply to each unit.

Wo3
Where evidence is provided to demonstrate that a leak detection system is specified or installed to each unit.

Andel Ltd, its products and services are not affiliated, endorsed or certified by BRE Global Ltd. All rights are reserved. 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.breeam.org/

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 Floodline breeameter system offers flow monitoring and water leak detection in line with the defined standards "W02" and "W03" and can aid in the accumulation of credits subject to a successful audit by an authorised assessor.

The Floodline breeameter uses 2 flow meters to actively monitor the mains water supply to premises. One flow meter is situated on the site boundary and the other within the premises after the stop cock.

The system monitors the pipe work between the external and internal flow meters for leaks and uses the flow rates and volumes from the internal flow meter to identify excessive water usage. The limits for these alarms are set by the user at the time of commissioning.

Output relays are provided for "mains power failure", "flow alarm", flow meter fault" and "complete power failure" .

Function:
Water leak detection or excessive water use

Power:
110/230 VAC 50/60Hz mains operated
51Watts (max)
Construction:
Powder coated steel enclosure

Dimensions:
H400 x W300 x D150 mm

Fixing:
Control panel: wall surface mounted
Flow meters: compression/flange fixing depending on size of meter

Monitoring:
External - Pipework
LEAK - continuous monitoring
FLOW METER FAULT - continuous monitoring

Internal - Premises
2 programmes; 7 day week or 5 day week plus weekends
Flow rate monitoring (user defineable)
Total flow for 24hour period

Status and Alarm Indicators:
The system uses a 4 x 12 LCD backlit display which displays real text messages in order of priority of Alarm/Message.
Audible buzzer alarm
All alarms displayed continuously until corrected and reset on the system

Controls:
Interactive push button system incorporated in the LCD display

Outputs:
1. Mains Fail - SPCO Relay (5A @ 250VAC)
2. Flow Alarm - SPCO (5A @ 250VAC)
3. Flow Meter Fault - SPCO (5A @ 250VAC)
4. Complete Power Failure - SPCO (5A @ 250VAC)

All relays are "clean" volt-free contacts.

bsi. ISO 9001 Quality Management
HUDDERSFIELD - FM512048

E&OE r2.00