AquiTron

AT-WFM Water Flow Monitor

WRAS APPROVED PRODUCT

AT-WFM WATER FLOW MONITOR

Water flow monitoring system

The AquiTron Water Flow Monitor AT-WFM is a water flow monitoring system designed to help achieve the requirements of BREEAM 2018. The AT-WFM system meets the criteria set out to help achieve one of the credits available under Wat 03.

The AT-WFM comprises of a control panel supplied with one or two pulsed water meters. For a typical BREEAM installation, a meter would be fitted just after the utility company's water meter at the boundary and a second water meter would be fitted adjacent the main isolation valve or stop-cock inside the building.

This would monitor the entire pipe from the boundary in the ground and within the building for any potential leaks.

The system is provided with visual and audible alarms for use when the flow exceeds the pre-set limits (customer adjustable). This is combined with a set of volt free alarm contacts. The contacts can be used to link into a BMS or remote alarm monitoring systems.

To also prevent loss of water in the event of a suspected leak the panel can directly operate AT-V-B solenoid valve(s) to isolate the water if these are supplied as part of the system. Other larger valves, such as the AT-V butterfly and AT-BV ball valves can also be controlled via the AT-RU1 relay unit.

The AquiTron Water Flow Monitor joins Aquilar's market-leading range of leak detection products for multiple applications.

Typical applications:

- Commercial buildings
- Retail units
- Small businesses
- Mains water pipes crossing site boundaries

System features:

- Easily setup/programming via a 4.3-inch touch screen
- Programmable for different flow rates
- Two levels of monitoring (e.g. For when building is occupied/unoccupied)
- Programmable time periods to determine alarm levels
- Automatic Setting of alarms levels via entry/alarm system or key switch
- Integrated pulse repeater for monitoring and BMS (Wat 02)