AT-350 Internal Cistern Overflow

Product Overview

When connected to an AquiTron alarm panel the system will electronically monitor individual cistern overflows. In the event of an overflow condition arising the system will provide a local alarm with a general alarm to the BMS. AquiTron overflow sensors are fitted to each WC cistern. The overflow sensors are wired to the locally positioned AquiTron monitoring panel/s. Options are available allowing for up to 8 separate sensing zones to be monitored on a single panel.

The system is designed to alert building management personnel with an audible and visual warning, to the wasteful discharge of overfl owing water, directly to WC pans, by 'internal WC cistern overfl ows'.A sensor is inserted into the overfl ow hole at the side or top of concealed WC cisterns that incorporate an internal overflow arrangement discharging to the WC pan. The sensor detection level can be set to occur at a point when an overfl ow situation is imminent but before water is wastefully discharged to the WC pan. Sensors are available for standard concealed and Geberit type WC cisterns. Sensors in an overfl ow alarm condition are identified separately on the panel display, an audible alarm is also activated. Signals are conveyed to the Indicator Panel with low voltage twin cable. Please see the relevant alarm panel datasheet for more detailed information regarding the AT-SZA and AT MZA.

Design features

The sensors comprise of stainless-steel electrodes housed in a 3/8" BSP uPVC connector for fitting directly into the side or top overflow connection of concealed WC flushing cisterns. For exposed porcelain cisterns the sensor can be fitted to a predrilled 22mm dia hole.

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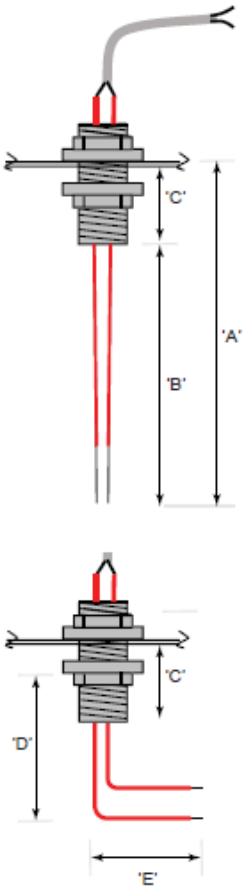
Application

Low voltage electrical terminals are fi tted to the sensors for wiring to the AT-MZA or AT-SZA panels. The system is simply installed without the need for special test equipment or on-site calibration. The low voltage wiring is installed in a continuous length between each sensor and the local indicator panel, without any intermediate terminals or connections.

Technical Information

Power supply (alarm panel)	**230Vac, 50Hz, 3A**
Recommended sensor cable size	16 / 0.2mm min, 2 core
Dimensions - Sensor	**3/8" BSP thread, Min opening dia 17mm A)130mm, B) 91mm, C) 39mm, D) 44mm, E) 56mm**



Ordering Information

Catalogue number	Description
2431	**'Overflow' Monitoring System**

Important

All information, including illustrations, is believed to be reliable. users, however should independently evaluate the suitability of each product for their application.

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