

ELECTRONIC WATER MONITOR

Multi function alarm and / or control panel for Unisan, Multisan and Sanistar sewage and waste water pumps

APPLICATION

Packaged pump systems are often subject to misuse in commercial or domestic or tenancy situations and may have flooding problems causing property damage purely because the users are not familiar with their operation. The Electronic Water Monitor features a range of connection options and protection methods to provide failsafe non-flooding solutions.

DESIGN FEATURES

- Power on / off switch
- High level alarm actuation / mute
- 24 VAC solenoid valves control water supply isolation
- Volts free contacts for Building Management System
- 230v, 1 phase output power interruption to washing machine and dish washer etc
- Auto / Manual override switch
- Low voltage control circuit
- Built-in protection to unit against high or low power supply voltage
- All conditions reset to normal when the level of water reduces in the holding tank
- Systems may be easily retrofitted
- Can be adapted to suit wet wells, water supply with dual tanks etc...

TECHNICAL FEATURES

- Connect the high level sensor contacts in Unisan & Multisan pumps, or the normally open volts free contacts in pump control panel of Sanistar pumps, to the high level alarm terminals of Electronic Water Monitor. Supply 230V AC power to Electronic Water Monitor.
 1. When high level is reached in the pump collection tank an audible alarm in Electronic Water Monitor will sound & alarm LED will lit.
 2. If 24V AC output from Electronic Water Monitor is connected to the solenoid valve/s installed in water supply lines, then the solenoid valve/s will close preventing water supply to toilets, taps, showers, dishwashers etc. and will prevent any more wastewater going to pump and avoid flooding. Or will open a solenoid valve in a cold water line preventing excess temperature in Unisan.
 3. If 230V AC output from Electronic Water Monitor is connected to dishwasher or washing machine then this power supply will be automatically interrupted switching off the machine. This will prevent any more wastewater going to pump and avoid flooding.
 4. You can use the Volts Free Contacts provided in the Electronic Water Monitor to get high level fault signals to your Building Management System.

