

Southern Pump Services

Engineering Limited

Specialist in Foul & Storm Water Pumping Stations
Installation | Maintenance | Service

DIAL OUT TELEMETRY FOR PUMP STATIONS

Application

The Southern pump Services Engineering Limited, Dial Out Unit is designed to monitor and alert of any alarm conditions that are programmed to the unit; the system is protected with battery backup.

The unit has three alarm inputs which are normally used to monitor the following conditions.

Typical Applications

1: Pumps or Pump tripped

This alarm condition would send a message out should any of the pumps trip out on overload or any other type of pump protection fitted.

2: High Level alarm condition

The high-level alarm circuit would be from the 12vdc supply, so should the mains fail and the water level rise and set the high level alarm off the unit would still transmit the alarm.

3: Pump Station healthy

This alarm function is use to monitor the fault signals above and has a delay timer fitted on the signal, when the alarm unit is commissioned and no alarm signals are on, after a preset time the dial out unit will call and inform you that the pump station is healthy, (if an alarm is raised for a pump trip this fault condition would have to be reset on the control panel, but if an alarm is raised for high-level condition the unit will dial out. Should this alarm condition only be for a short period of time say 30min and then the level of water in the station fall the alarm unit will send the pump station healthy signal out to cut down on any wasted call outs.

The dial out unit can be programmed for up to 3 telephone numbers including a mobile, it must operate on a standard BT telephone line.