

Southern Pump Services

Engineering Limited

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

DIAL OUT GSM TELEMETRY FOR PUMP STATIONS

Application

The Southern pump Services Engineering Limited, Dial Out GSM Unit is designed to operate via the mobile phone network; this unit can run on any of the standard networks on a pay as you go system.

You can top up the credit from a standard card and you can check what credit is remaining on the unit at any time. You can call the unit up at any time to check the alarm status; the GSM unit has 6 inputs for alarms.

This type of remote alarm will only send text messages to a mobile phone; it will not dial a standard BT landline phone.

Typical Applications

1: Pumps or Pump T ripped

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 C ondition

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 H ealthy

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.