

SOLAR POWERED SEPARATOR ALARM

Ideal for retro fitting to existing Separators or on sites where mains power is not easily accessible. The solar alarm removes the need for digging ducts and laying long cable runs, making installation efficient and cost effective.

The standard system is supplied complete with an intrinsically safe control unit together with a high oil probe and a steel mounting stand. The control unit is capable of monitoring up to 6 probe units in 2 separator tanks (3 probes per tank), to automatically monitor oil, silt and liquid levels; notifying immediately when the separator needs emptying and therefore eliminating unnecessary waste management visits.

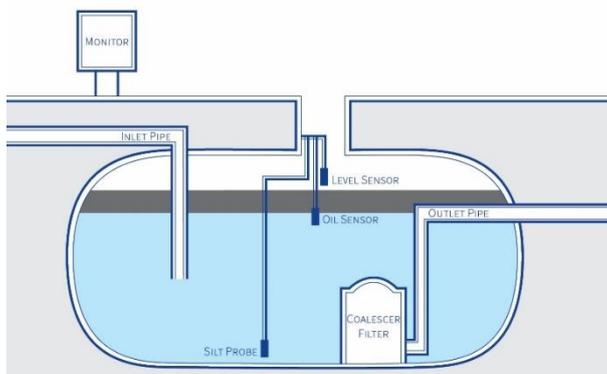
The unit has a flashing beacon alarm and a liquid crystal display. Alarm warnings allow you time to take corrective action ensuring the safe and economic operation of separators preventing oil passing through the separator and polluting watercourses which may result in expensive fines and clean up costs.

Darcy can tailor your Separator Alarm to your requirements by displaying your name and contact details on the liquid crystal display and fitting your custom label (please ask for details).

Benefits

The alarm system and sensors guarantee an increased level of safety and requires simple installation for bespoke monitoring of oil and petrol separators.

- Supports dual separator tank monitoring
- Rotating solar panel
- Solar panel voltage can be measured
- Battery condition reported in continuous range from 0 to 100%
- Warn of excessive levels of oil, liquid and silt
- Tells you when separator needs emptying
- Reduces waste management costs
- Designed to comply with EN858-1 and 2
- Can be fitted to interceptors from all manufacturers
- Reduces interceptor servicing costs
- Ensures safe and economic operation of interceptors



Specifications

- Power: 12V battery, charged by solar panel
- GRP enclosure 430 x 330 x 200mm IP66
- Display: Liquid Crystal
- Alarm: Beacon
- Probe Range: 200 metres max. (Dependent on cable style)
- Atex approved: (Solar)
Ex II (1) G [Ex ia Ga] IIC (-20°C ≤ Ta ≤ +50°C)

Compatible probe types:

- High Oil - conductivity or specific gravity
- High Liquid - optical or float switch
- Silt – optical



Revision Date: 27/11/2018