

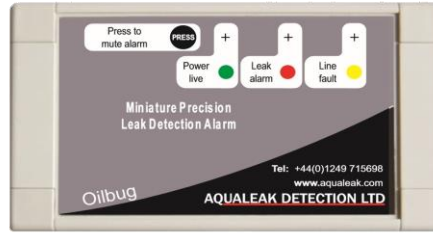
OilBug

Benefits

- Intelligent oil leak detection for the presence of oil in sensitive areas
- Audio and visual alarm signals
- The RedEye sensor is reusable – wipe clean after a leak

Main Features

- Monitors for the presence of oil or chemicals and outputs an alarm
- Can be connected to a BMS
- Comes in a 230VAC/110VAC or 24VAC/DC versions
- Involves the use of a 'Redeye Sensor' detecting change in the refractive index from the surface it is looking at



The principle of oil leak detection involves the use of a Redeye Sensor. The system works using Optoschmitt technology. The Redeye detects any change in the refractive index from the surface it is looking at. The sensor is not damaged when in contact with oil and therefore doesn't need replacing after a leak.

There are two versions of the OilBug; the BMS OilBug and the OilBug. The BMS version has no local alarm outputs and is simply connected via a volt free relay to the BMS. On detection of a leak, the relay will changeover and the BMS will alert to the situation. The OilBug has the same functionality with the addition of a local audio and visual output on the alarm panel.

Specification	
Power	240VAC / 110VAC / 24VAC / DC
Power Consumption	30mA / 50mA with LED
Output Signal	No-volt Relay
IP Rating	65
Output Options	BMS / Autodialler / Repeater Panel
Detectable Materials / Product Codes	
Aviation Spirit	Motor Oil
Benzene	Oils – Vegetable
Butane	Petroleum Ether
Edible Fats & Oils	Sulphuric Acid
Hydrochloric Acid	Transformer Oil
Kerosene	Varnish
Linseed Oil	Water
Methanol	White Spirit
OilBug 240V	OB240VAV-LFM-PFM
OilBug 110VAV	OB110VAV
OilBug 24VAV	OilBug 24VAV
Red Eye	FS4/RB
Red Eye With End of Line Diode	FS4/RBEOLDG