

RedEye 1

Benefits

- Has the ability to monitor leaks for complex liquids including Diesel and Heating Oils as well as Water
- Sensor modules are permanently re-usable and are also very versatile as they detect the presence of oil, chemicals and other liquids such as water
- Audible and Visual alarm to alert the user when there is a leak

Main Features

- Relay for closing a solenoid valve on alarm
- Additional Relay Output to a BMS
- Battery Back-Up (up to 10 hours)
- IP65 rating
- Various output options including BMS, Autodialler, Repeater Panel and Sounder/Beacon

The Redeye sensor instantly detects leaks when fluids touch the dome positioned at the bottom. Working on the principle of Optoschmitt technology, the Redeye detects any change in the refractive index from the surface it is looking at. When used with the Redeye 1 alarm systems, this change can be detected and triggers an alarm. Height is fully adjustable between 0 and 25mm to allow for small amounts of liquid to be present (for instance in a drip tray) before an alarm goes off.

Up to 5 Redeye sensors can be connected in series to a single Redeye 1 alarm panel providing the connection cable does not exceed a total length of 100 metres.



ADJUSTABLE REDEYE SENSOR



IN-LINE REDEYE SENSOR (shown face up)

Specification	
Power	240V/110V
Power Consumption	30mA / 50mA
Output signal	2 x No-Volt Relay
Relay Rating	240VAC 8 amp
Contacts	COM/NO/NC
Max Valves Per Relay	2
LED Indicators	Leak Alarm / Power On / Line Fault
Audio Indicators	Internal horn / Mute Button
Additional Relays	Reset
IP Rating	65
Max sensors	5
Max Cable Length	100m
Maintenance	Minimal – Yearly
Output Options (1)	BMS / Autodialler / Repeater Panel
Output Options (2)	Sounder / Beacon
RedEye Code:	REDEYE
RedEye Sensor Code:	FS4/RB