

Four Zone Oil Leak Detection Equipment



Sized at 120mm wide x 150mm high x 80mm deep, The four zone fuel oil detection unit has been designed to monitor four independent zones in critical areas for oil / fuel oil leaks via optical sensors. Up to 10 sensors can be connected to each zone. The unit contains an audible warning device, Mute push button, History & history Exit buttons and a back lit alphanumeric display. A non-volatile event history is included as standard to show the past 250 events. This can be used to identify sensitive areas or faulty equipment. When oil is detected by one of the zones, the display will start to flash with the location, the audible warning device will start and the zone alarm relay close. The unit will remain in this condition even if the oil is removed from the sensor. Muting the alarm will stop the sounder and the display flashing. If oil is removed from the sensor before pressing the “Mute Alarm” button, after Muting the display will revert back to it’s normal state indicating that oil is no longer present and the zone alarm relay will de-energise. However if oil is still being detected only the audible warning will stop leaving the location in the display and the zone alarm relay energised. Only when the oil is removed from the sensor will the display revert back to it’s normal mode. The unit as standard has an individual relay for each zone with a normally closed set of volt free contacts. All four relays can be used to individually onward signal to a Building Management Systems, telephone dialler, control systems and oil Shut Off valves or can be wired together to give a common alarm output.

Features

- Back lit alphanumeric display for ease of alarm identification from a distance
- On board audible warning device to alert local operators of a problem
- Alarms latched until Mute operated to give indication of transient oil leaks

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- Lamps, relay and Horn test Facility to ensure that the unit is working correctly
- Small size foot print, wall or surface mounted
- 250 Past Event History



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