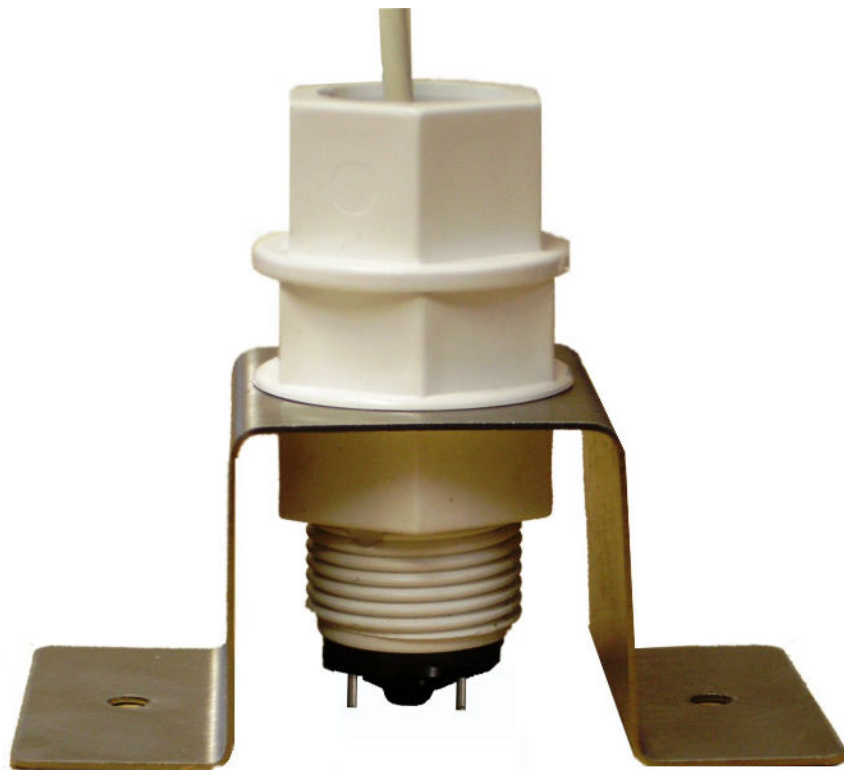


OSPW

Oil Leak Detection Sensor

Installation and Operation

Manual



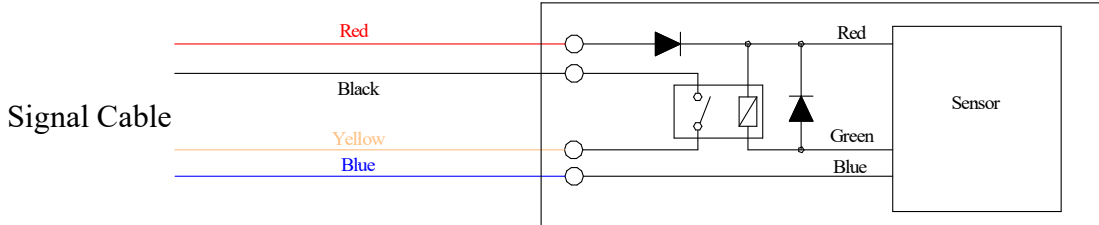
Installation

The detection sensor is susceptible to damage and should not be fitted to areas where it is likely to be damaged or walked on. The sensor can be screwed or stuck to the floor using the supplied stainless steel bracket.

NOTE;

This sensor does NOT work on shiny or mirrored surfaces. On this type of surface use the black sticky label provided under the sensors detecting bulb.

Sensor Wiring



Connections

Red Wire = 12-24VAC live or 12-24VDC +
 Black Wire = Volt free Contact common
 Yellow Wire = Volt Free Contact Normally Open, Close in alarm

The signal cable should be terminated between the sensor and the main Alarm/BMS in the following manner.

| Connection to Signal Cable | Signal Cable Wire Colour |
|----------------------------|--------------------------|
| +VDC/AC | Red |
| 0VDC/AC | Blue |
| Contact N/O | Yellow |
| Contact N/O | Black |

Output Alarm Relay Truth Table

| Water Detection | Oil Leak Detected | Relay Output Contact |
|-----------------------|--------------------------|----------------------|
| NO | NO | Open (no alarm) |
| NO | YES | Closed (alarm) |
| YES | NO | Open (no alarm) |
| Water Detected First | Oil Leak Detected Second | Open (see note) |
| Water Detected Second | Oil Leak Detected First | Closed (see note) |

Maintenance

The sensor should be tested at least once a year for correct operation. A check should also be made on a regular basis or at least every six months to ensure that the sensor is not contaminated with dirt, damaged or has been moved away from its correct location. If the sensor is found to be contaminated with dirt, it should be cleaned using a brush and soapy water, then dried using clean tissue paper and re-tested.

