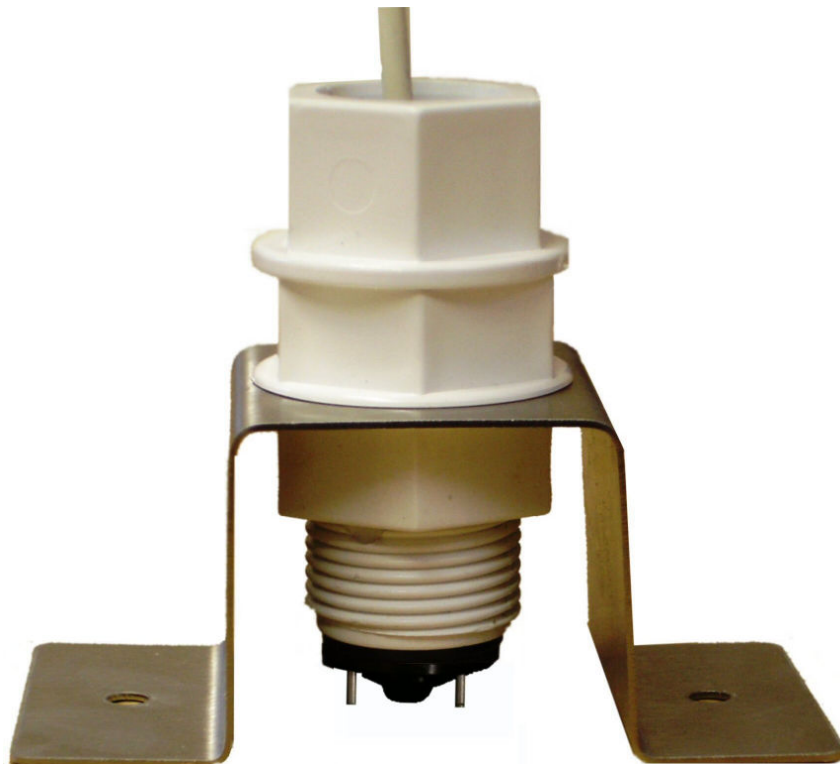




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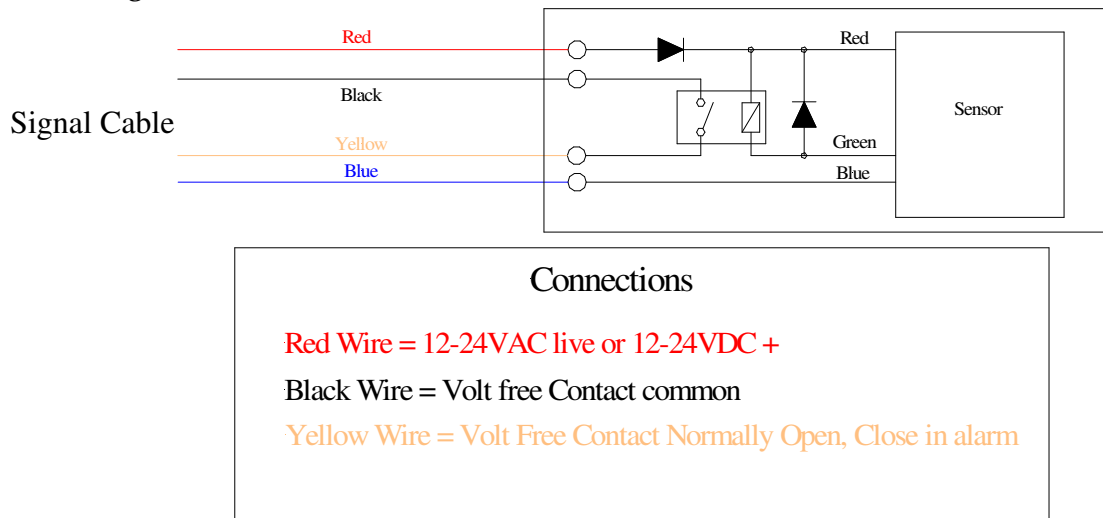
# OSPW Oil Leak Detection Sensor Installation and Operation Manual



**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.

**Sensor wiring**



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**

<i>Water Detected</i>	<i>Oil Leak Detected</i>	<i>Relay output Contact</i>
NO	NO	Open (no alarm)
NO	YES	Closed (alarm)
YES	NO	Open (no alarm)
Water detected first	Then an oil leak	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 bases 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, soapy water, dried off with clean tissue paper and re-tested.

