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|---|--|---|--|--|--|---|
| Sensor Description | Oil / Water Separator Sensor (OWSS) | The Oil Water Separator Sensor (OWSS) allows you to utilize your existing Veeder-Root system for your Oil Water Separator tank. The OWSS facilitates operation of the tank by monitoring product thresholds, and will activate alarms on the TLS monitoring system when tank contents exceed a predetermined threshold. The probe also provides the conditions for these alarms and a full alarm history. | | | | |
| Part Number | 794690-xxx | | | | | |
| Category | <input type="checkbox"/> Discriminating <input type="checkbox"/> Non-Discriminating <input type="checkbox"/> Position Sensitive <input type="checkbox"/> Level Sensing | | <input type="checkbox"/> Static Testing <input type="checkbox"/> Hydrostatic <input type="checkbox"/> Vapor <input type="checkbox"/> Groundwater <input checked="" type="checkbox"/> Oil/Water Separator | |  | |
| Fuel Compatibility | <input checked="" type="checkbox"/> Gas <input checked="" type="checkbox"/> Diesel <input checked="" type="checkbox"/> Kerosene <input checked="" type="checkbox"/> Jet Fuel <input checked="" type="checkbox"/> Aviation Gas | | <input checked="" type="checkbox"/> E-15 <input checked="" type="checkbox"/> E-85 <input type="checkbox"/> E-100 <input checked="" type="checkbox"/> Bio-Diesel 20 <input type="checkbox"/> Bio-Diesel 100 | | | <input type="checkbox"/> Green Diesel <input type="checkbox"/> DEF <input checked="" type="checkbox"/> Waste Oil <input checked="" type="checkbox"/> Motor Oil |
| Console Compatibility (International Only)¹ | Recommended Min. Console Software | Sensor Interface Modules | | | | |
| | | Module Part # | Module Description | # of Modules per Console | # of Sensor Inputs per Module | Availability |
| TLS-450PLUS (8600 Series) | 6A or Higher | 332812-001 | Universal Sensor Module (USM) | Up to 4 - TLS-4XX Up to 8 - TLS-4XX w/ opt. TLS-XB | 16 | Sold Separately |
| TLS-450 | 4A or Higher | | | | | |
| TLS4 (8601 Series) ¹ | 6A or Higher | 330020-750 | Universal Sensor Input Out-put Module (USIOM-AC) | 1 | 12 | Included |
| TLS4i (8601 Series) | | | | | | |
| TLS4B (8601 Series) ¹ | | 330020-751 | | | 6 | |
| TLS4c (8601 Series) | | | | | | |
| TLS-350/R/PLUS | 124/324 or Higher | 329358-001 | Interstitial Sensor Interface Module | Up to 8 | 8 | Sold Separately |
| TLS-350J | | 329356-003 | 4 Probe / 4 Sensor Interface Module | 1 | 4 | Sold Separately |
| TLS-300i | | 330230-001 | 4 Probe / 8 Sensor Interface Module | | 8 | Included |
| TLS-300C | | 330513-001 | 2 Probe / 8 Sensor Options | | | |
| Alarm Notification | Normal | Tank is properly setup with liquid | | | | |
| | Liquid Warning | Oil is present in tank | | | | |
| | Liquid Alarm | Oil has reached its maximum volume, remove from tank | | | | |
| | Sensor Out | Sensor not communicating to ATG/Console | | | | |
| Specifications | | | | | | |
| Operating Principle | Reed Switch/Float | | | | | |
| Product Activation Height | Custom-Based on Tank Configuration | | | | | |
| Operating Temperature | 0 to +140°F (0 to +60°C) | | | | | |
| Dimensions | Custom-Based on Tank Configuration | | | | | |
| Miscellaneous/Notes | Standard Cable Length: 12ft (3.66m) - See Appendix B in this manual for sensor sizing | | | | | |
| Product Link | Oil Water Separator Sensor | | | | | |
| Warranty with System | 1 Yr Parts & Labor | | | | | |
| Warranty (When purchased separately) | 1 Yr Parts Only | | | | | |
| Where Used (Typical) | <input type="checkbox"/> Dispenser Pan <input type="checkbox"/> Annular Space <input type="checkbox"/> Spill Containment <input type="checkbox"/> Monitoring Well <input type="checkbox"/> STP Sump <input checked="" type="checkbox"/> Oil/Water Separator Tank <input type="checkbox"/> Convault Tank | | | | | |

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Example Illustrations

Illustrations used in this guide for example sensor installations may contain components that are customer supplied and not included with the sensor. Please check with your Veeder-Root Distributor for recommended installation accessories.

Third Party Evaluations

Third party evaluations of the Veeder-Root sensors contained in this application guide can be found under the Veeder-Root vendor name on the National Work Group on Leak Detection Evaluations (NWGLDE) website:

<http://www.nwglde.org>