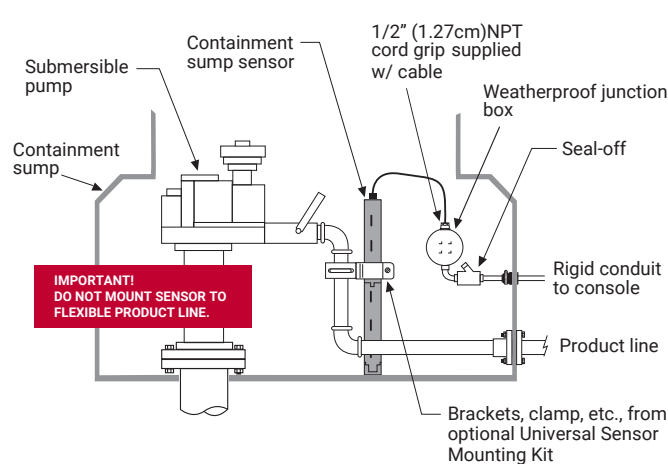| Sensor Description | Solid-State - Non-Discriminating Containment Sump Sensor | This Solid-State, Non-Discriminating Sensor is installed typically in a containment sump area to detect the presence of a liquid. Its optical liquid level technology requires no moving parts, allowing it to operate in sub-zero temperatures. |
|---|---|---|

| Part Number | **794380-351** |
|---|---|

### Category

- ☐ Discriminating
- ☑ Non-Discriminating
- ☐ Position Sensitive
- ☐ Level Sensing
- ☐ Static Testing
- ☐ Hydrostatic

### Fuel Compatibility

- ☑ Gas
- ☑ Diesel
- ☑ Kerosene
- ☑ Jet Fuel
- ☑ Aviation Gas
- ☑ E-15
- ☐ E-85
- ☐ E-100
- ☑ Bio-Diesel 20
- ☑ Bio-Diesel 100
- ☑ Green Diesel
- ☐ DEF
- ☑ Waste Oil
- ☑ 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 | 329956-001 | Type A Sensor Interface Module | Up to 8 | 8 | Sold Separately |
| TLS-350J | | N/A | | | | |
| TLS-300i | | | | | | |
| TLS-300C | | | | | | |

| Alarm Notification | Normal | Sensor in Normal State - No liquid detected |
|---|---|---|
| | Fuel Alarm | Liquid detected - Approx. 1.0" (2.54cm) |
| | High Liquid | Sensor not communicating to ATG/Console |

| Installation Kit | 330020-012 | Universal Sensor Mounting Kit (Sold separately) |
|---|---|---|

| Specifications | | Example Installation |
|---|---|---|
| Operating Principle | Optical - Looking at phase changes in the light beams by causing them to interact or interfere with one another | |
| Product Activation Height | Fuel or Water - Approx. 1" (2.54cm) | |
| Operating Temperature | -40 to +122°F (-40 to +50°C) | |
| Dimensions | 22.1" (56.1cm) high, 2.2" (5.6cm) dia. | |
| Miscellaneous/Notes | Standard Cable Length: 12ft (3.66m) | |
| Third Party Evaluation Links | *TLS-350/TLS-450 Series Consoles* *TLS4 (8601 Series) Consoles* | |
| Product Link | *Solid-State Non-Discriminating Containment Sump Sensor* | |
| Warranty with System | 1 Yr Parts & Labor | |
| Warranty (When purchased separately) | 1 Yr Parts Only | |

### Where Used (Typical)

- ☐ Dispenser Pan
- ☑ Spill Containment
- ☑ STP Sump
- ☐ Convault Tank
- ☐ Annular Space
- ☐ Monitoring Well
- ☐ Oil/Water Separator Tank



Submersible pump

Containment sump sensor

1/2" (1.27cm)NPT cord grip supplied w/ cable

Weatherproof junction box

Seal-off

Containment sump

**IMPORTANT! DO NOT MOUNT SENSOR TO FLEXIBLE PRODUCT LINE.**

Rigid conduit to console

Product line

Brackets, clamp, etc., from optional Universal Sensor Mounting Kit

# Notice

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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