### Sensor Description

**Vapor Sensor**

The Vapor Monitoring Well Sensor detects hydrocarbon vapor exceeding the programmed threshold limit in the monitoring well.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>794390-700</th>
</tr>
</thead>
</table>

### Category
- Discriminating
- Non-Discriminating
- Position Sensitive
- Level Sensing
- Static Testing
- Hydrostatic
- Vapor
- Groundwater
- Oil/Water Separator

### 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*)

<table>
<thead>
<tr>
<th>Recommended Min. Console Software</th>
<th>Module Part #</th>
<th>Module Description</th>
<th># of Modules per Console</th>
<th># of Sensor Inputs per Module</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLS-430PLUS (8600 Series) 6A or Higher</td>
<td>332812-001</td>
<td>Universal Sensor Module (USM)</td>
<td>Up to 4 - TLS-4XX</td>
<td>8</td>
<td>Sold Separately</td>
</tr>
<tr>
<td>TLS-450 4A or Higher</td>
<td></td>
<td></td>
<td>Up to 8 - TLS-4XX w/ opt. TLS-XB</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TLS4 (8601 Series) 6A or Higher</td>
<td>330020-750</td>
<td>Universal Sensor Input Out-put Module (USIOM-AC)</td>
<td>1</td>
<td>6</td>
<td>Included</td>
</tr>
<tr>
<td>TLS4i (8601 Series)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TLS4B (8601 Series) 4A or Higher</td>
<td>330020-751</td>
<td></td>
<td></td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>TLS-350/R/PLUS 124/324 or Higher</td>
<td>329357-001</td>
<td>Vapor Sensor Interface Module</td>
<td>Up to 8</td>
<td>5</td>
<td>Sold Separately</td>
</tr>
<tr>
<td>TLS-350J</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>TLS-300i</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>TLS-300C</td>
<td></td>
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</tr>
</tbody>
</table>

### Alarm Notification
- **Short Alarm**: A short has occurred in the sensor wiring or in the sensor.
- **Water Alarm**: The vapor sensor is immersed in water and is incapable of detecting fuel vapors.
- **Fuel Alarm**: Fuel vapors are present in the area being monitored by the sensor.
- **Sensor Out alarm**: Sensor setup was performed incorrectly; it is disconnected, or, it is not functioning properly.

### Installation Kit
- 312020-939: 4” (100mm) Vapor Sensor Riser Cap (Sold separately)

### Specifications

- **Operating Principle**: Adsistor
- **Product Activation Height**: Gasoline Vapor >500 ppm
- **Operating Temperature**: -4 to +140°F (-20 to +60°C)
- **Dimensions (Sensor)**: 4.9” (12.4cm) long, 1.1” (2.8cm) dia.
- **Miscellaneous/Notes**: Standard Cable 18ft (5.5m)
- **Third Party Evaluation Links**: TLS-350/TLS-450 Series Consoles TLS4 (8601 Series) Consoles
- **Product Link**: Vapor 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

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**www.veeder.com**

1.888.561.7942

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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

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