
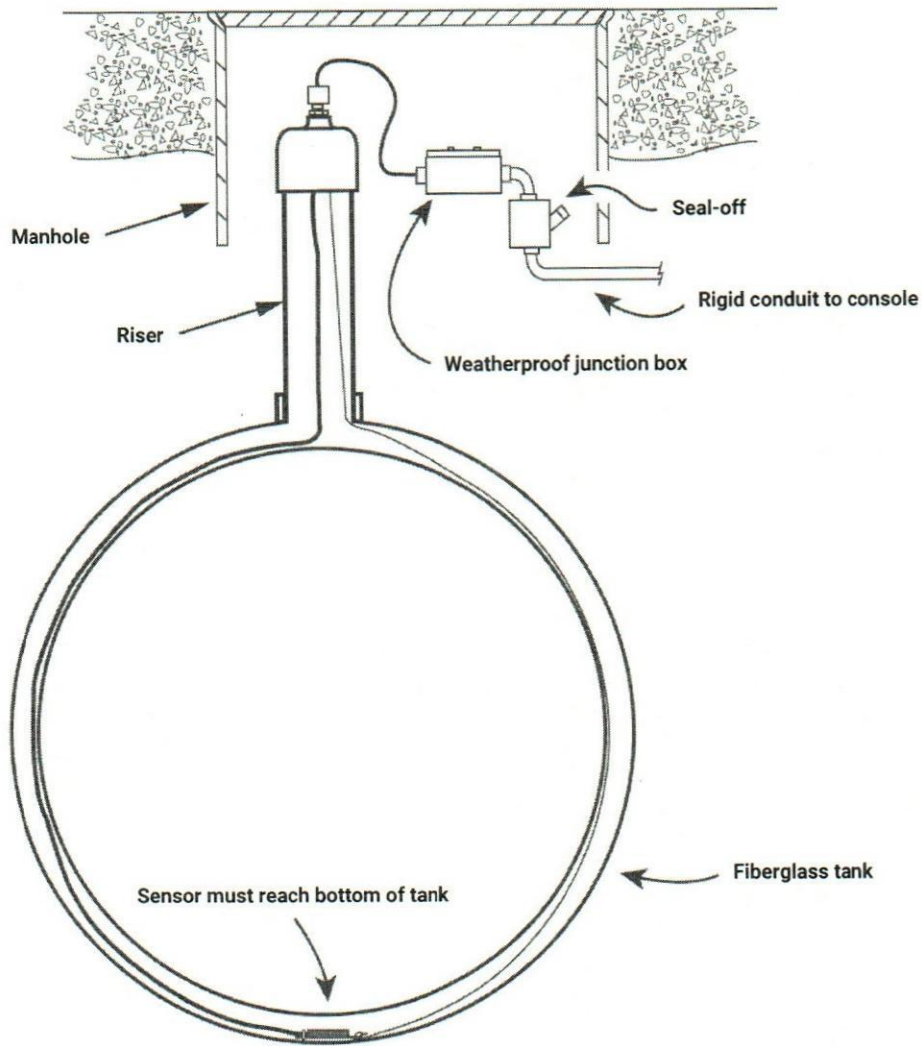


<b>Sensor Description</b>	<b>Solid-State Alternative Ethanol Fluid Interstitial Sensor for Double-Wall Fiberglass Tanks</b>		The Interstitial Sensor for Double-Wall Fiberglass Tanks with high alcohol product uses solidstate liquid level sensing technology to detect liquid in the interstitial space of the tank.			
<b>Part Number</b>	<b>0794380-345</b>					
<b>Category</b>	<input type="checkbox"/> Discriminating <input checked="" type="checkbox"/> Non-Discriminating <input type="checkbox"/> Position Sensitive		<input type="checkbox"/> Level Sensing <input type="checkbox"/> Static Testing <input type="checkbox"/> Hydrostatic			
<b>Fuel Compatibility</b>	<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 <sup>1</sup> <input checked="" type="checkbox"/> E-100 <input checked="" type="checkbox"/> Bio-Diesel 20 <input checked="" type="checkbox"/> Bio-Diesel 100			
<b>Console Compatibility</b>	<b>Recommended Min. Console Software</b>	<b>Sensor Interface Modules</b>				
		<b>Module Part #</b>	<b>Module Description</b>	<b># of Modules per Console</b>	<b># of Sensor Inputs per Module</b>	<b>Availability</b>
TLS-450PLUS (8600 Series)	6.A or Higher	0332812-001	Universal Sensor Module (USM)	Up to 4 – TLS-4xx Up to 8 – TLS-4xx w/ opt. TLS-XB	16	Sold Separately
TLS-450	4.A or Higher					
TLS4 (8601 Series)	6.A or Higher	0330020-750	Universal Sensor Input/Output Module (USIOM-AC)	1	12	Included
TLS4i (8601 Series)					6	
TLS4B (8601 Series)						
TLS4c (8601 Series)						
TLS-350/R/PLUS	124/324 or Higher	0329956-001	Type A Sensor Interface Module	Up to 8	8	Sold Separately
<b>Alarm Notification</b>	Normal	Sensor in Normal State – No liquid detected				
	Fuel Alarm	Liquid detected				
	Sensor Out	Sensor not communicating to ATG/Console				
<b>Specifications</b>						
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 <0.2" (0.5cm); E85 <0.4" (1cm)					
Operating Temperature	-40°F to +122°F (-40°C to +50°C)					
Dimensions	4.3" (11cm) length, 1.5" (3.8cm) width, 0.5" (1.3cm) thick					
Miscellaneous/Notes	Standard Cable Length: 25' (7.6m), fits 4' to 10' (1.2m to 3m) I.D. fiberglass tanks					
Third Party Evaluation Links	<a href="#">TLS-350/TLS-450 Series Consoles</a> <a href="#">TLS4 (8601 Series) Consoles</a>					
Product Link	<a href="#">Solid-State Alternative Ethanol Fluid Interstitial Sensor</a>					
Warranty with System	1 Year Parts & Labor					
Warranty (When purchased separately)	1 Year Parts Only					

**Where Used (Typical)**

- |  |   |
|--|---|
| <input type="checkbox"/> Dispenser Pan     | <input checked="" type="checkbox"/> Annular Space |
| <input type="checkbox"/> Spill Containment | <input type="checkbox"/> Monitoring Well          |
| <input type="checkbox"/> STP Sump          | <input type="checkbox"/> Oil/Water Separator Tank |
| <input type="checkbox"/> Convault Tank     |   |

**Example Installation**



# 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>