

<b>Sensor Description</b>	<b>MicroSensor</b>	The non-discriminating small, easy to install solid-state MicroSensor is designed to detect liquid in the interstitial space of a steel tank or a fill riser containment.				
<b>Part Number</b>	<b>794380-344</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 <input checked="" type="checkbox"/> E-100 <input checked="" type="checkbox"/> Bio-Diesel 20 <input checked="" type="checkbox"/> Bio-Diesel 100			<input checked="" type="checkbox"/> Green Diesel <input checked="" type="checkbox"/> DEF <input checked="" type="checkbox"/> Waste Oil <input checked="" type="checkbox"/> Motor Oil
<b>Console Compatibility (*International Only<sup>1</sup>)</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)	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) <sup>1</sup>	6A or Higher	330020-750	Universal Sensor Input Out-put Module (USIOM-AC)	1	12	Included
TLS4i (8601 Series)						
TLS4B (8601 Series) <sup>1</sup>		330020-751			6	
TLS4c (8601 Series)						
TLS-350/R/PLUS	124/324 or Higher	329956-001	Type A Interface Module	Up to 8	8	Sold Separately
TLS-350J	N/A					
TLS-300i						
TLS-300C						
<b>Alarm Notification</b>	Normal	Sensor in Normal State - No liquid detected				
	Fuel Alarm	Liquid detected at a minimum of 1" (2.54cm)				
	Sensor Out	Sensor not communicating to ATG/Console				
<b>Installation Kit</b>	312020-928	2" (50mm) Interstitial Sensor Riser Cap and Adapter kit (Sold separately)				
<b>Specifications</b>	<b>Example Installation</b>					
Operating Principle	Optical					
Product Activation Height	1" (2.54cm)					
Operating Temperature	-40 to +122°F (-40 to +50°C)					
Dimensions	Dia. 0.63" (16mm), Length 2" (51mm)					
Miscellaneous/Notes	Standard Cable Length: 25ft (7.6m); 312020-928 (2" (50mm) Riser cap and Adapter kit)					
Third Party Evaluation Links	<a href="#">TLS-350/TLS-450 Series Consoles</a> <a href="#">TLS4 (8601 Series) Consoles</a>					
Product Link	<a href="#">MicroSensor</a>					
Warranty with System	1 Yr Parts & Labor					
Warranty (When purchased separately)	1 Yr Parts Only					
<b>Where Used (Typical)</b>	<input type="checkbox"/> Dispenser Pan <input type="checkbox"/> Spill Containment <input type="checkbox"/> STP Sump <input checked="" type="checkbox"/> Convault Tank <input checked="" type="checkbox"/> Annular Space <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Oil/Water Separator Tank					

# 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>