

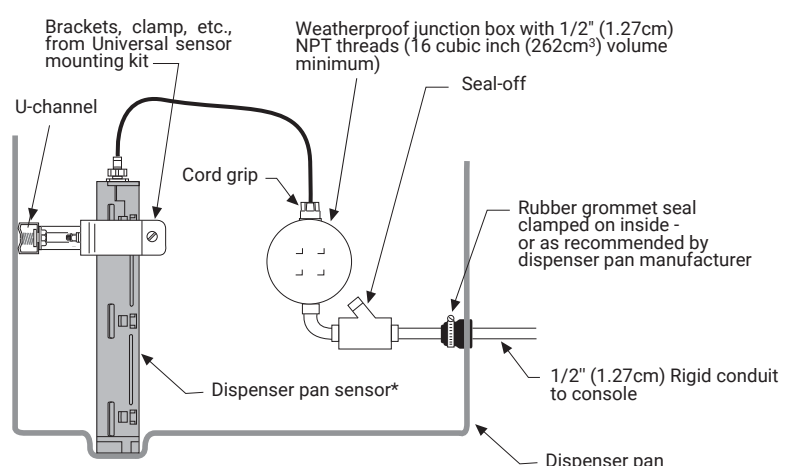


<b>Sensor Description</b>	<b>Solid-State - Non-Discriminating Dispenser Pan Sensor</b>	This Solid-State, Non-Discriminating Sensor is installed typically in a dispenser pan location to detect the presence of a liquid. Its optical liquid level technology requires no moving parts, allowing it to operate in sub-zero temperatures.				
<b>Part Number</b>	<b>794380-321</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 type="checkbox"/> E-85 <input type="checkbox"/> E-100 <input checked="" type="checkbox"/> Bio-Diesel 20 <input checked="" type="checkbox"/> Bio-Diesel 100		
				 		
<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>	
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	
TLS-450	4A or Higher					
TLS4 (8601 Series) <sup>1</sup> TLS4i (8601 Series)	6A or Higher	330020-750	Universal Sensor Input Out-put Module (USIOM-AC)	1	12	
TLS4B (8601 Series) <sup>1</sup>		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	
TLS-350J	N/A					
TLS-300i						
TLS-300C						
<b>Alarm Notification</b>	Normal	Sensor in Normal State - No liquid detected				
	Fuel Alarm	Liquid detected - Approx. 1.0" (2.54cm)				
	Sensor Out	Sensor not communicating to ATG/Console				
<b>Installation Kit</b>	330020-012	Universal Sensor Mounting Kit (sold separately)				
<b>Specifications</b>	<b>Example Installation</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 - Approx. 1" (2.54cm)					
Operating Temperature	-40 to +122°F (-40 to +50°C)					
Dimensions	11.6" (29.4cm) high, 2.2" (5.6cm) dia.					
Miscellaneous/Notes	Standard Cable Length: 12ft (3.66m)					
Third Party Evaluation Links	<a href="#">TLS-3XX/TLS-450 Series Consoles</a> <a href="#">TLS4 (8601 Series) Consoles</a>					
Product Link	<a href="#">Solid-State - Non-Discriminating Dispenser Pan Sensor</a>					
Warranty with System	1 Yr Parts & Labor					
Warranty (When purchased separately)	1 Yr Parts Only					
<b>Where Used (Typical)</b>	<input type="checkbox"/> Convault Tank <input type="checkbox"/> Annular Space <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Oil/Water Separator Tank					
	<input checked="" type="checkbox"/> Dispenser Pan <input checked="" type="checkbox"/> Spill Containment <input type="checkbox"/> STP Sump					
						
	<p>*Dispenser pan sensor should:</p> <ol style="list-style-type: none"> <li>1. Rest in the cup or the lowest point of the dispenser pan.</li> <li>2. Be positioned so as to be removable by pulling the sensor straight up out of the pan.</li> <li>3. Be mounted in a true vertical position.</li> </ol>					

# 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>