
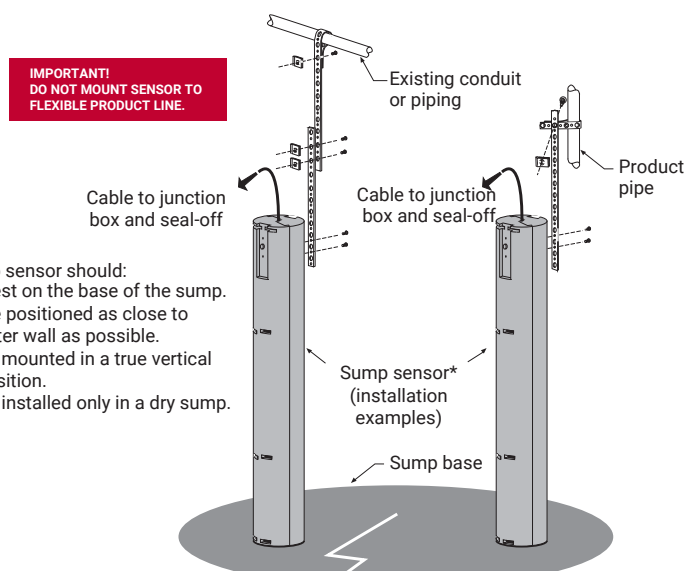


Sensor Description	Piping Sump Sensor	The Piping Sump Sensor is installed in a tank piping sump (STP Containment Sump) and will detect the presence of a liquid.					
Part Number	794380-208						
Category	<input type="checkbox"/> Discriminating <input checked="" type="checkbox"/> Non-Discriminating <input type="checkbox"/> Position Sensitive			<input type="checkbox"/> Level Sensing <input type="checkbox"/> Static Testing <input type="checkbox"/> Hydrostatic			
Fuel Compatibility	<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 type="checkbox"/> Bio-Diesel 100			
Console Compatibility (*International Only <sup>1</sup> )	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) <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	329358-001	Interstitial Sensor Interface Module	Up to 8	8	Sold Separately	
TLS-350J		329356-003	4 Probe / 4 Sensor Interface Module		1	4	Sold Separately
TLS-300i		330230-001	4 Probe / 8 Sensor Interface Module			8	Included
TLS-300C		330513-001	2 Probe / 8 Sensor Options				
Alarm Notification	Normal	Sensor in Normal State - No liquid detected					
	Fuel Alarm	Liquid detected at a minimum of 1.84" (4.67cm)					
	Sensor Out	Sensor not communicating to ATG/Console					
Installation Kit	330020-076	Piping Sump Sensor Mounting Kit is included (see example installation below).					
Specifications			Example Installation				
Operating Principle	Float/magnetic reed switch		 <p><b>IMPORTANT!</b> DO NOT MOUNT SENSOR TO FLEXIBLE PRODUCT LINE.</p> <p>Existing conduit or piping</p> <p>Product pipe</p> <p>Cable to junction box and seal-off</p> <p>Cable to junction box and seal-off</p> <p>Sump sensor* (installation examples)</p> <p>Sump base</p> <p>*Sump sensor should:</p> <ol style="list-style-type: none"><li>1. Rest on the base of the sump.</li><li>2. Be positioned as close to outer wall as possible.</li><li>3. Be mounted in a true vertical position.</li><li>4. Be installed only in a dry sump.</li></ol>				
Product Activation Height	Liquid 1.84" (4.67cm)						
Operating Temp	+32 to +140°F (0 to +60°C)						
Dimensions	12" (30.5cm) high, 1.9" (4.8cm) dia.						
Miscellaneous/Notes	Standard Cable Length: 12ft (3.66m) Installation kit 330020-076 included (see example installation).						
Third Party Evaluation Links	<a href="#">TLS-3XX/TLS-450 Series Consoles</a> <a href="#">TLS4 (8601 Series) Consoles</a>						
Product Link	<a href="#">Piping Sump Sensor</a>						
Warranty with System	1 Yr Parts & Labor						
Warranty (When purchased separately)	1 Yr Parts Only						
Where Used (Typical)	<div><div><input checked="" type="checkbox"/> Dispenser Pan</div><div><input checked="" type="checkbox"/> Spill Containment</div><div><input checked="" type="checkbox"/> STP Sump</div><div><input type="checkbox"/> Convault Tank</div><div><input type="checkbox"/> Annular Space</div><div><input type="checkbox"/> Monitoring Well</div><div><input type="checkbox"/> Oil/Water Separator Tank</div></div>						

# 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>