
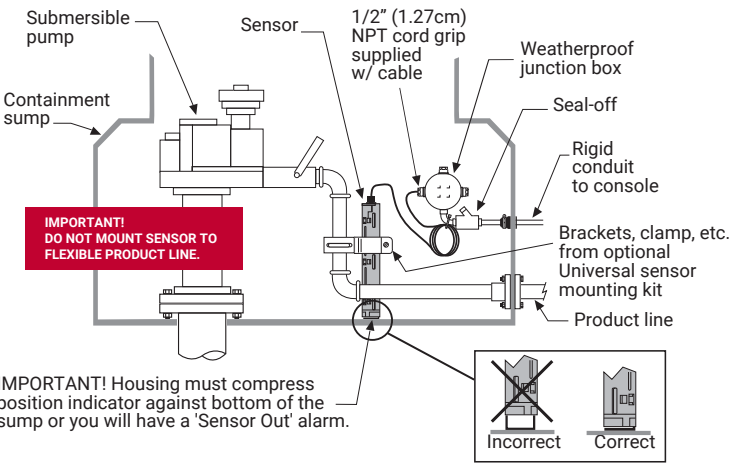
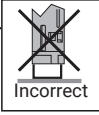



Sensor Description	Position Sensitive Sensor	This sensor is installed in a containment sump or dispenser pan and will detect the presence of, and differentiate between, hydrocarbons and other liquids.				
Part Number	794380-323					
Category	<input type="checkbox"/> Discriminating <input checked="" type="checkbox"/> Non-Discriminating <input checked="" 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 checked="" type="checkbox"/> E-85 <input checked="" type="checkbox"/> E-100 <input checked="" type="checkbox"/> Bio-Diesel 20 <input type="checkbox"/> Bio-Diesel 100	<input checked="" type="checkbox"/> Green Diesel <input type="checkbox"/> DEF <input checked="" type="checkbox"/> Waste Oil <input checked="" type="checkbox"/> Motor Oil			
Console Compatibility (*International Only¹)	Recommended Min. Console Software	Sensor Interface Modules				
		Module Part #	Module Description	# of Modules per Console	# of Sensor Inputs per Module	
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) ¹	6A or Higher	330020-750	Universal Sensor Input Output Module (USIOM-AC)	1	12	
TLS4i (8601 Series)					6	
TLS4B (8601 Series) ¹						8
TLS4c (8601 Series)			330020-751			8
TLS-350/R/PLUS	124/324 or Higher	329358-001	Interstitial Sensor Interface Module	Up to 8	8	
TLS-350J		329356-003	4 Probe / 4 Sensor Interface Module	1	4	
TLS-300i		330230-001	4 Probe / 8 Sensor Interface Module		8	
TLS-300C		330513-001	2 Probe / 8 Sensor Options		Included	
Alarm Notification	Normal	Sensor in Normal State - No liquid detected				
	Sensor Out	Sensor not resting on bottom of containment or sensor not communicating to ATG/Console				
	Fuel Alarm	Liquid detected in containment area at approx. 1.5" (3.81cm)				
Installation Kit	330020-012	Universal Sensor Mounting Kit (Sold separately)				
Specifications	Example Installation					
Operating Principle	Product Permeable, Reed Switch /Float					
Product Activation Height	Liquid - Approx. 1.5" (3.81cm)					
Operating Temperature	+32 to +140°F (0 to +60°C)					
Dimensions	12" (30.5cm) high, 2.2" (5.6cm) dia.					
Miscellaneous/Notes	Standard Cable Length: 12ft (3.66m).					
Third Party Evaluation Links	TLS-3XX/TLS-450 Series Consoles TLS4 (8601Series) Consoles					
Product Link	Position Sensitive Sensor					
Warranty with System	1 Yr Parts & Labor					
Warranty (When purchased separately)	1 Yr Parts Only					
Where Used (Typical)	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input checked="" type="checkbox"/> Dispenser Pan <input checked="" type="checkbox"/> Spill Containment <input checked="" type="checkbox"/> STP Sump </div> <div style="width: 45%;"> <input type="checkbox"/> Convault Tank <input type="checkbox"/> Annular Space <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Oil/Water Separator Tank </div> </div>					
		 <p>IMPORTANT! DO NOT MOUNT SENSOR TO FLEXIBLE PRODUCT LINE.</p> <p>IMPORTANT! Housing must compress position indicator against bottom of the sump or you will have a 'Sensor Out' alarm.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  Incorrect </div> <div style="text-align: center;">  Correct </div> </div>				

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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>