

Sensor Description	Single-Point Hydrostatic Reservoir Sensor (Brine-Filled Double-Wall Tank Sensor)	The Hydrostatic Reservoir Sensor accurately detects fluid level change in the reservoir and interstice of a double-wall storage tank. The Single-Point version can be used in low groundwater locations. If an inner-wall leak occurs, the brine seeps into the tank triggering a fuel alarm. If the outer wall leaks, the brine seeps out of the tank interstice triggering a fuel alarm.					
Part Number	794380-301						
Category	<input type="checkbox"/> Discriminating <input type="checkbox"/> Non-Discriminating <input type="checkbox"/> Position Sensitive	<input type="checkbox"/> Level Sensing <input type="checkbox"/> Static Testing <input checked="" 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 ¹ <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 type="checkbox"/> Waste Oil <input type="checkbox"/> Motor Oil	¹ Single use only (Test per Sensor Operability Guide in E-10 or less)
Console Compatibility (*International Only¹)	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) ¹	6A or Higher	330020-750	Universal Sensor Input Out-put Module (USIOM-AC)	1	12	Included	
TLS4i (8601 Series)		330020-751			6		
TLS4B (8601 Series) ¹					8		Sold Separately
TLS4c (8601 Series)							4
TLS-350/R/PLUS	124/324 or Higher	329958-001	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	Float is in the UP position (correct amount of brine in reservoir)		Where Used (Typical)		<input checked="" type="checkbox"/> Annular Space	
	Fuel Alarm	Brine level below 1.74" (4.4cm)		<input type="checkbox"/> Dispenser Pan	<input type="checkbox"/> STP Sump	<input type="checkbox"/> Monitoring Well	
	Sensor Out	Sensor not communicating to ATG/Console		<input type="checkbox"/> Spill Containment	<input checked="" type="checkbox"/> Convault Tank	<input type="checkbox"/> Oil/Water Separator Tank	
Specifications	Example Installation						
Operating Principle	Reed Switch /Float						
Product Activation Height	1.75" (4.4cm)						
Operating Temperature	-13 to +135°F (-25 to +57°C)						
Dimensions	6" (15cm) high, 2.5" (6.4cm) dia.						
Miscellaneous/Notes	<ul style="list-style-type: none"> Standard Cable Length: 12ft (3.65m) Vented riser cap assembly included Reservoir solutions: Up to 50% ethylene glycol in water; up to 50% propylene glycol in water; salt brine solution of up to 30% CaCl 						
Third Party Evaluation Links	TLS-3XX/TLS-450 Series Consoles TLS4 (8601 Series) Consoles						
Product Link	Single-Point Hydrostatic Reservoir Sensor						
Warranty with System	1 Yr Parts & Labor						
Warranty (When purchased separately)	1 Yr Parts Only						

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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>