
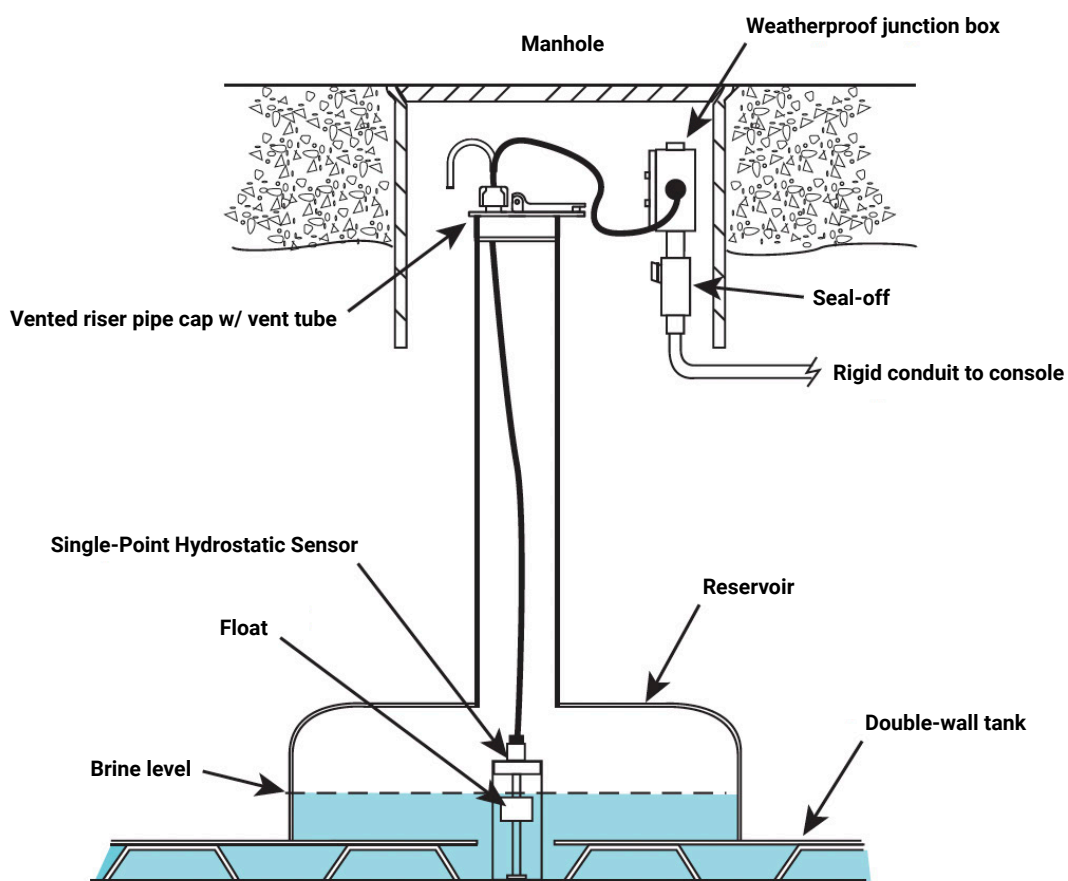


Sensor Description	Single-Point Hydrostatic Reservoir Sensor (Brine-Filled Double-Wall Tank Sensor)		The Hydrostatic Reservoir Sensor accurately detects fluid level change in the reservoir and interstice of a double-wall storage tank. The Single-Point version can be used in low groundwater locations. 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	0794380-301					
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 type="checkbox"/> E-100 <input checked="" type="checkbox"/> Bio-Diesel 20 <input checked="" type="checkbox"/> Bio-Diesel 100 ²			
		<input checked="" type="checkbox"/> Green Diesel <input type="checkbox"/> DEF <input checked="" type="checkbox"/> Waste Oil <input checked="" type="checkbox"/> Motor Oil				
		¹ Single use only (Test per Sensor Operability Guide in E-10 or less) ² Single use only (Test per Sensor Operability Guide in B-20 or less)				
Console Compatibility	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)	6.A or Higher	0332812-001	Universal Sensor Module (USM)	Up to 4 – TLS-4xx Up to 8 – TLS-4xx w/ opt. TLS-XB	16	Sold Separately
TLS-450	4.A or Higher					
TLS4 (8601 Series)	6.A or Higher	0330020-750	Universal Sensor Input/Output Module (USIOM-AC)	1	12	Included
TLS4i (8601 Series)					6	
TLS4B (8601 Series)						
TLS4c (8601 Series)						
TLS-350/R/PLUS	124/324 or Higher	0329958-001	Interstitial Sensor Interface Module	Up to 8	8	Sold Separately
TLS-350J		0329356-003	4 Probe / 4 Sensor Interface Module	1	4	Sold Separately
TLS-300i		0330230-001	4 Probe / 8 Sensor Interface Module		8	Included
Alarm Notification	Normal	Float is in the UP position (correct amount of brine in reservoir)				
	Fuel Alarm	Brine level below 1.74" (4.4cm)				
	Sensor Out	Sensor not communicating to ATG/Console				
Specifications						
Operating Principle	Reed Switch / Float					
Product Activation Height	1.75" (4.4cm)					
Operating Temperature	-13°F to +135°F (-25°C to +57°C)					
Dimensions	6" (15cm) high, 2.5" (6.4cm) diameter					
Miscellaneous/Notes	<ul style="list-style-type: none">• Standard Cable Length: 12' (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 Year Parts & Labor					
Warranty (When purchased separately)	1 Year Parts Only					

Where Used (Typical)

- | | |
|--|---|
| <input type="checkbox"/> Dispenser Pan | <input checked="" type="checkbox"/> Annular Space |
| <input type="checkbox"/> Spill Containment | <input type="checkbox"/> Monitoring Well |
| <input type="checkbox"/> STP Sump | <input type="checkbox"/> Oil/Water Separator Tank |
| <input type="checkbox"/> Convault Tank | |

Example Installation



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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>