
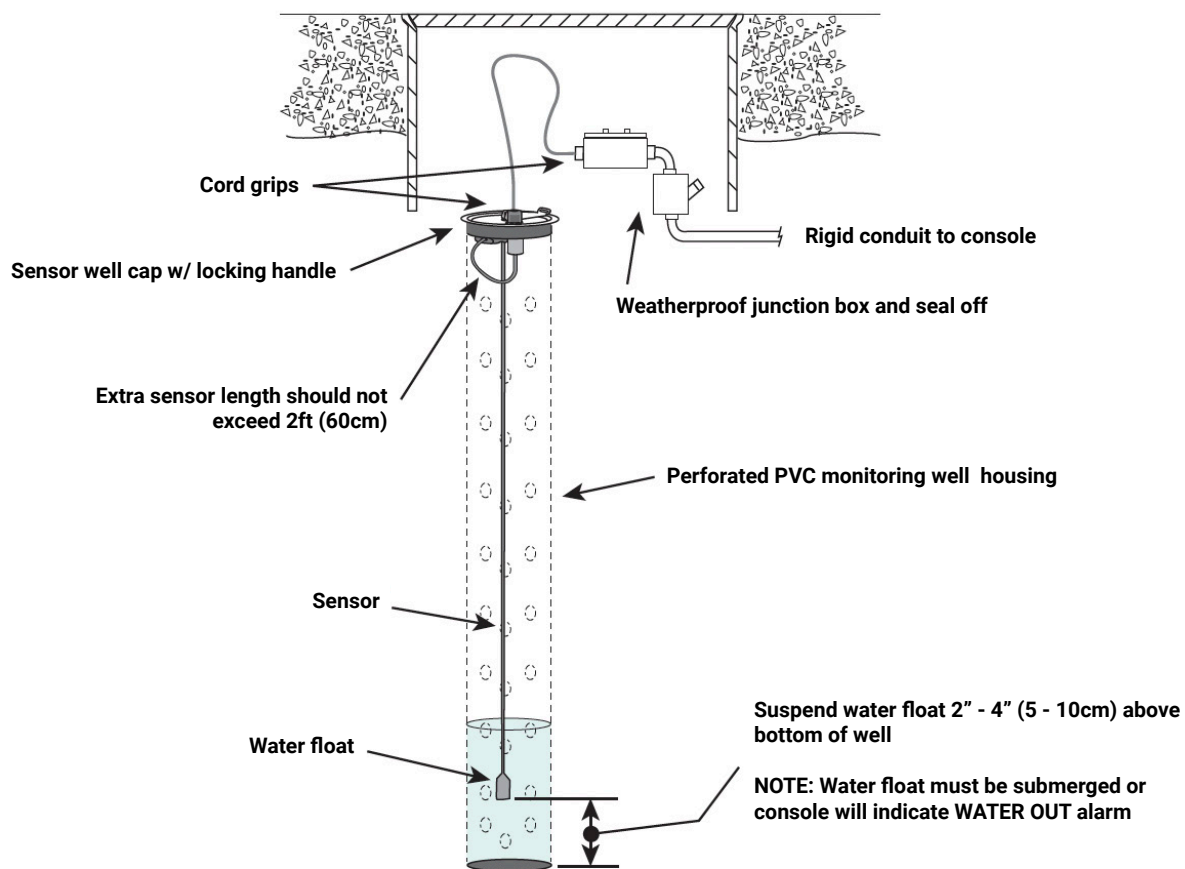


Sensor Description	Groundwater Sensor	The Groundwater Sensor detects free hydrocarbons in the C5 to C16 range on the water table in up to 20ft (6.1m) deep monitoring wells.				
Part Number	0794380-621 for 7-10ft (2-3m) wells; 0794380-622 for 10-5ft (3-4.5m) wells; 0794380-624 for 15-20 ft (4.5-6m) wells					
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 type="checkbox"/> Hydrostatic <input type="checkbox"/> Vapor <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Oil/Water Separator			
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 ¹ <input 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	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	8	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	6	Included
TLS4i (8601 Series)					0330020-751	
TLS4B (8601 Series)						
TLS4c (8601 Series)						
TLS-350/R/PLUS	124/324 or Higher	0329399-001	Groundwater Sensor Interface Module	Up to 8	5	Sold Separately
Alarm Notification	Normal	Sensor in water – no hydrocarbons detected				
	Water Out	Sensor not in water – well dry				
	Fuel Alarm	Permeable material saturated with fuel				
	Sensor Out	Sensor not communicating to ATG/Console				
Specifications						
Operating Principle	Electrical conductivity					
Product Activation Height	0.02" (0.5mm)					
Operating Temperature	+32°F to +104°F (0°C to +40°C)					
Dimensions (Water Float)	4.9" (12.4cm) long, 1.1" (2.8cm) diameter					
Miscellaneous/Notes	Standard Cable Length: 64" (162.6cm); Locking cap included					
Third Party Evaluation Links	TLS-3XX/TLS-450 Series Consoles TLS4 (8601 Series) Consoles					
Product Link	Groundwater 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 type="checkbox"/> Annular Space |
| <input type="checkbox"/> Spill Containment | <input checked="" type="checkbox"/> Monitoring Well |
| <input type="checkbox"/> STP Sump | <input type="checkbox"/> Oil/Water Separator Tank |
| <input type="checkbox"/> Convault Tank | |

Example Installation



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>