
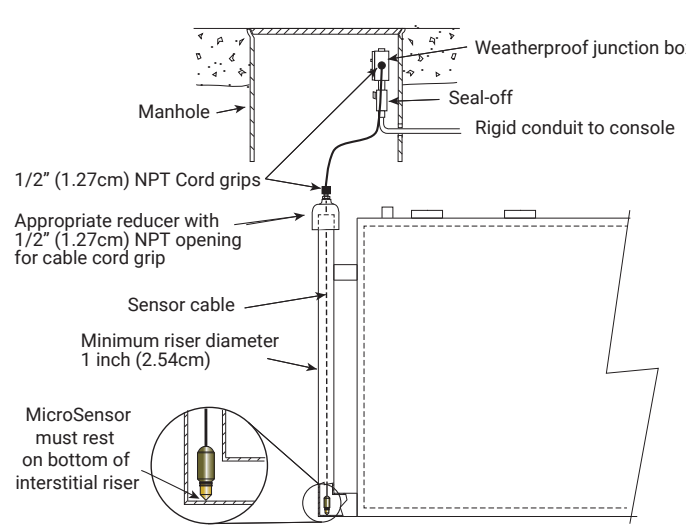


Sensor Description	MicroSensor	The non-discriminating small, easy to install solid-state MicroSensor is designed to detect liquid in the interstitial space of a steel tank or a fill riser containment.				
Part Number	794380-344					
Category	<div><input type="checkbox"/> Discriminating</div> <div><input checked="" type="checkbox"/> Non-Discriminating</div> <div><input type="checkbox"/> Position Sensitive</div> <div><input type="checkbox"/> Level Sensing</div> <div><input type="checkbox"/> Static Testing</div> <div><input type="checkbox"/> Hydrostatic</div>					
Fuel Compatibility	<div><input checked="" type="checkbox"/> Gas</div> <div><input checked="" type="checkbox"/> Diesel</div> <div><input checked="" type="checkbox"/> Kerosene</div> <div><input checked="" type="checkbox"/> Jet Fuel</div> <div><input checked="" type="checkbox"/> Aviation Gas</div> <div><input checked="" type="checkbox"/> E-15</div> <div><input checked="" type="checkbox"/> E-85</div> <div><input checked="" type="checkbox"/> E-100</div> <div><input checked="" type="checkbox"/> Bio-Diesel 20</div> <div><input checked="" type="checkbox"/> Bio-Diesel 100</div> <div><input checked="" type="checkbox"/> Green Diesel</div> <div><input checked="" type="checkbox"/> DEF</div> <div><input checked="" type="checkbox"/> Waste Oil</div> <div><input checked="" type="checkbox"/> Motor Oil</div>					
Console Compatibility (*International Only ¹)	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)						
TLS4B (8601 Series) ¹		330020-751			6	
TLS4c (8601 Series)						
TLS-350/R/PLUS	124/324 or Higher	329956-001	Type A Interface Module	Up to 8	8	Sold Separately
TLS-350J	N/A					
TLS-300i						
TLS-300C						
Alarm Notification	Normal	Sensor in Normal State - No liquid detected				
	Fuel Alarm	Liquid detected at a minimum of 1" (2.54cm)				
	Sensor Out	Sensor not communicating to ATG/Console				
Installation Kit	312020-928	2" (50mm) Interstitial Sensor Riser Cap and Adapter kit (Sold separately)				
Specifications			Example Installation			
Operating Principle	Optical					
Product Activation Height	1" (2.54cm)					
Operating Temperature	-40 to +122°F (-40 to +50°C)					
Dimensions	Dia. 0.63" (16mm), Length 2" (51mm)					
Miscellaneous/Notes	Standard Cable Length: 25ft (7.6m); 312020-928 (2" (50mm) Riser cap and Adapter kit)					
Third Party Evaluation Links	TLS-350/TLS-450 Series Consoles TLS4 (8601 Series) Consoles					
Product Link	MicroSensor					
Warranty with System	1 Yr Parts & Labor					
Warranty (When purchased separately)	1 Yr Parts Only					
Where Used (Typical)						
<div><input type="checkbox"/> Dispenser Pan</div> <div><input checked="" type="checkbox"/> Annular Space</div> <div><input type="checkbox"/> Spill Containment</div> <div><input type="checkbox"/> Monitoring Well</div> <div><input type="checkbox"/> STP Sump</div> <div><input type="checkbox"/> Oil/Water Separator Tank</div> <div><input checked="" type="checkbox"/> Convault Tank</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>