

<p>Hzchdg9ZhXgei 'dc</p>	<p>E d h t ' d c H Z c h t ' k Z ' c i Z g h i t ' V a H Z c h d g [d g H I Z Z a l V c ' h</p>	<p>The sensor detects the presence of liquid in small containment areas (i.e., spill buckets) of double wall steel tanks. In addition, it provides an alarm when the sensor is not positioned correctly on the bottom of the interstitial space.</p>
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<p>L J Z g ' J h Z Y ' d n e ' X V a</p>	<p><input type="checkbox"/> Dispenser Pan <input checked="" type="checkbox"/> Annular Space <input checked="" 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</p>	<p>B V i Z ' d g n</p> <p><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</p>	
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<p>; j Z a 8 d b e V i ' W e i t n</p>	<p><input checked="" type="checkbox"/> Gas <input checked="" type="checkbox"/> E-15 <input checked="" type="checkbox"/> Green Diesel <input checked="" type="checkbox"/> Diesel <input checked="" type="checkbox"/> E-85 <input type="checkbox"/> DEF <input checked="" type="checkbox"/> Kerosene <input checked="" type="checkbox"/> E-100 <input checked="" type="checkbox"/> Waste Oil <input checked="" type="checkbox"/> Jet Fuel <input checked="" type="checkbox"/> Bio-Diesel 20 <input checked="" type="checkbox"/> Motor Oil <input checked="" type="checkbox"/> Aviation Gas <input checked="" type="checkbox"/> Bio-Diesel 100</p>	
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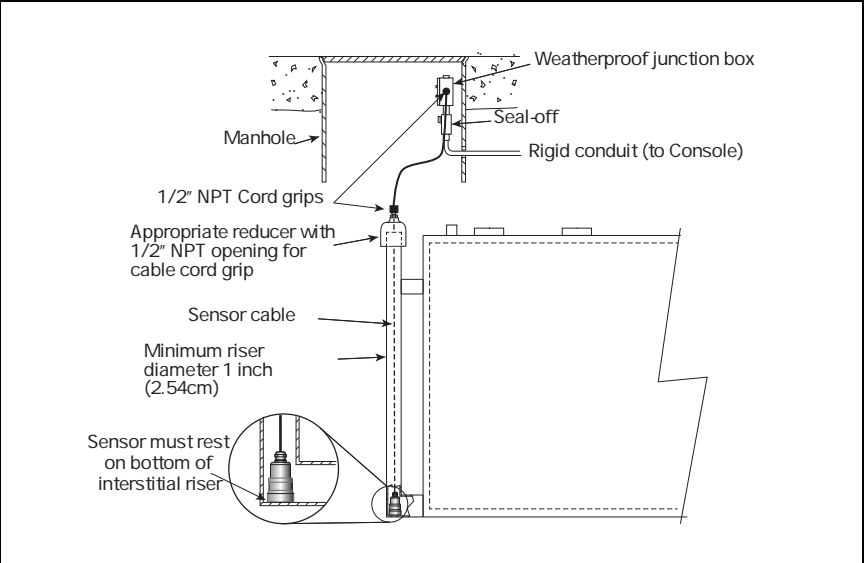
8 d c h d a Z ' 8 d b e V i ' W e i t n t z c i Z g : V i ' d c V a D c a n ' t	G Z X d b b Z c Y Z Y ' ' B ' c # 8 d c h d a Z ' H d [i l V g Z	H Z c h d g ' c i Z g V X Z ' B d y j ' a h				
	B d y j ' a ' P a r t ~	B d y j ' a ' 9 Z h X g e i ' d c	~ o [' B d y j ' a h p Z g 8 d c h d a Z	~ o [' H Z c h d g ' c e j i h p Z g B d y j ' a	6 k V ' a W e i t n	
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	332812-001				
TLS4 (8601 Series) ¹	6A or Higher	330020-750	Universal Sensor Input Out-put Module (USIOM-AC)	1	12 Included	
TLS4i (8601 Series)		330020-750				
TLS4B (8601 Series) ¹		330020-751			6	
TLS4c (8601 Series)		330020-751				
TLS-350/R/PLUS	124/324 or Higher	329358-001	Interstitial Sensor Interface Module	Up to 8	8 Sold Separately	
TLS-350J		329356-003	4 Probe / 4 Sensor Interface Module		4 Sold Separately	
TLS-300i		330230-001	4 Probe / 8 Sensor Interface Module	1	8 Included	
TLS-300C		330513-001	2 Probe / 8 Sensor Options			

6 a d p ' C d i ' f ' X V i ' d c	Normal	Sensor in Normal State - No liquid detected
	Fuel alarm	Not sitting correctly on bottom of interstitial space or liquid detected
	Sensor out	Sensor not communicating to ATG / Console

x c h i V a i ' d c @ t	312020-928	2" (50mm) Interstitial sensor riser cap kit (sold separately)
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Operating Principle	Reed Switch / Float
Product Activation Height	1.4" (3.6cm)
Operating Temp	-4 to +140°F (-20 to +60°C)
Dimensions	3.5" (8.9cm) High, 1.75" (4.4cm) Diameter
Miscellaneous / Notes	Standard Cable Length: 20 Feet (6.09m); 312020-928 (2" [50mm] Riser cap and adapter kit)
Third Party Evaluation Links	TLS-3XX/TLS-450 Series Consoles TLS4 (8601 Series) Consoles
Product Link	Position Sensitive Interstitial Sensor for Steel Tanks
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>