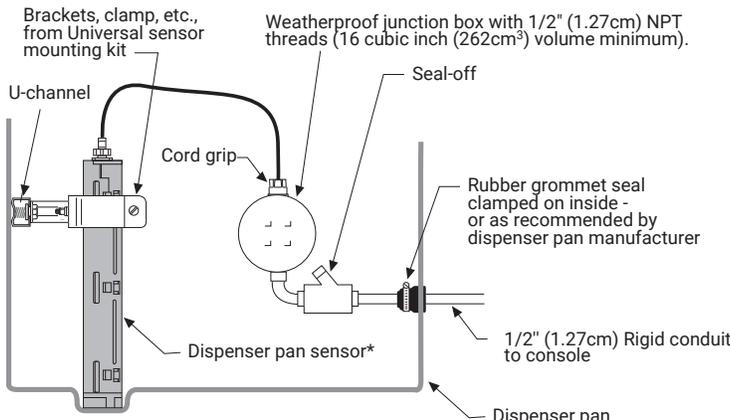


Sensor Description	Solid-State (Optical) - Discriminating Dispenser Pan Sensor		This type of discriminating sensor is installed in a dispenser containment sump area. It detects the presence of, and differentiates between, hydrocarbons and other liquids.			
Part Number	794380-320					
Category	<input checked="" 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			
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 type="checkbox"/> Bio-Diesel 100			
¹ Single Use Only (Test per Sensor Operability Guide in E-10 or less)						
Console Compatibility (*International Only²)	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	8	Sold Separately
TLS-450	4A or Higher					
TLS4 (8601 Series) ²	6A or Higher	330020-750	Universal Sensor Input Out-put Module (USIOM-AC)	1	6	Included
TLS4i (8601 Series)						
TLS4B (8601 Series) ²						
TLS4c (8601 Series)						
TLS-350/R/PLUS	124/324 or Higher	329950-001	Type B Interface Module	Up to 8	6	Sold Separately
TLS-300i	N/A					
TLS-300C						
Alarm Notification	Normal	Sensor in Normal State - No liquid detected				
	Low Liquid	Liquid detected at a minimum of 1.37" (3.4cm)				
	High Liquid	Liquid detected at a minimum of 7.66" (19.45cm)				
	Fuel Alarm	Permeable material saturated with fuel				
	Sensor Out	Sensor not communicating to ATG/Console				
Installation Kit	330020-012	Universal Sensor Mounting Kit (sold separately)				
Specifications	Example Installation					
Operating Principle	Electrical conductivity/optical					
Product Activation Height	Gas - 0.125" (3.175mm); Water - Low 1.37" (3.4cm), High 7.66" (19.45cm)					
Operating Temperature	-40 to +122°F (-40 to +50°C)					
Dimensions	11.6" (29.4cm) high, 2.2" (5.6cm) dia.					
Miscellaneous/Notes	Standard Cable Length: 12ft (3.66m)					
Third Party Evaluation Links	TLS-350/TLS-450 Series Consoles TLS4 (8601 Series) Consoles					
Product Link	Solid-State Discriminating Dispenser Pan Sensor					
Warranty with System	1 Yr Parts & Labor					
Warranty (When purchased separately)	1 Yr Parts Only					
Where Used (Typical)	<input checked="" type="checkbox"/> Dispenser Pan <input checked="" type="checkbox"/> Spill Containment <input type="checkbox"/> STP Sump <input type="checkbox"/> Convault Tank					
	<input type="checkbox"/> Annular Space <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Oil/Water Separator Tank					
	<input type="checkbox"/> Convault Tank					



*Dispenser pan sensor should:

- Rest in the cup or the lowest point of the dispenser pan.
- Be positioned so as to be removable by pulling the sensor straight up out of the pan.
- Be mounted in a true vertical position.

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>