

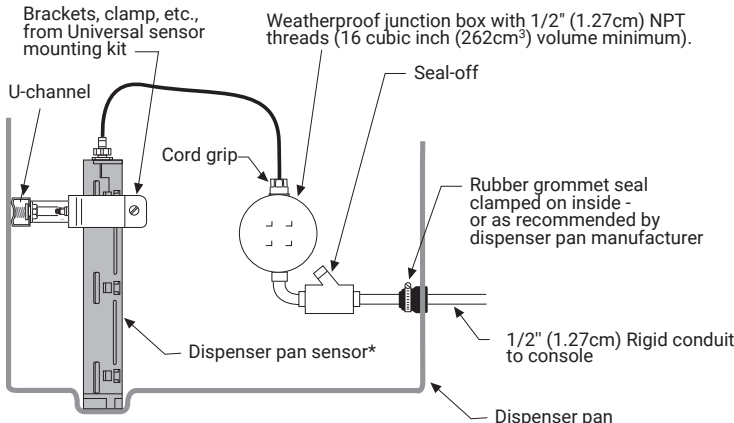


Sensor Description	Solid-State (Optical) - Discriminating Dispenser Pan Sensor		This type of discriminating sensor is installed in a dispenser containment sump area. It detects the presence of, and differentiates between, hydrocarbons and other liquids.			
Part Number	794380-320					
Category	<div><input checked="" type="checkbox"/> Discriminating<input type="checkbox"/> Non-Discriminating<input type="checkbox"/> Position Sensitive</div> <div><input type="checkbox"/> Level Sensing<input type="checkbox"/> Static Testing<input type="checkbox"/> Hydrostatic</div>			<div></div> <div></div>		
Fuel Compatibility	<div><div><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</div><div><input checked="" type="checkbox"/> E-15<input checked="" type="checkbox"/> E-85<sup>1</sup><input type="checkbox"/> E-100<input checked="" type="checkbox"/> Bio-Diesel 20<input type="checkbox"/> Bio-Diesel 100</div><div><input checked="" type="checkbox"/> Green Diesel<input type="checkbox"/> DEF<input checked="" type="checkbox"/> Waste Oil<input checked="" type="checkbox"/> Motor Oil</div></div> <div><sup>1</sup>Single Use Only (Test per Sensor Operability Guide in E-10 or less)</div>					
Console Compatibility (*International Only <sup>2</sup> )	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) <sup>2</sup>	6A or Higher	330020-750	Universal Sensor Input Out-put Module (USIOM-AC)	1	6	Included
TLS4i (8601 Series)		330020-751			4	
TLS4B (8601 Series) <sup>2</sup>						
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		<div></div> <div>*Dispenser pan sensor should: 1. Rest in the cup or the lowest point of the dispenser pan. 2. Be positioned so as to be removable by pulling the sensor straight up out of the pan. 3. Be mounted in a true vertical position.</div>			
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	<a href="#">TLS-350/TLS-450 Series Consoles</a> <a href="#">TLS4 (8601 Series) Consoles</a>					
Product Link	<a href="#">Solid-State Discriminating Dispenser Pan Sensor</a>					
Warranty with System	1 Yr Parts & Labor					
Warranty (When purchased separately)	1 Yr Parts Only					
Where Used (Typical)						
<div><div><input checked="" type="checkbox"/> Dispenser Pan<input type="checkbox"/> Annular Space<input type="checkbox"/> STP Sump<input type="checkbox"/> Convault Tank</div><div><input type="checkbox"/> Spill Containment<input type="checkbox"/> Monitoring Well<input type="checkbox"/> Oil/Water Separator Tank</div></div>						

# 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>