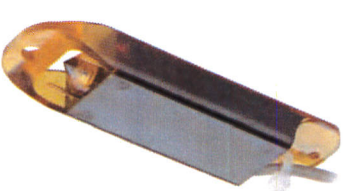


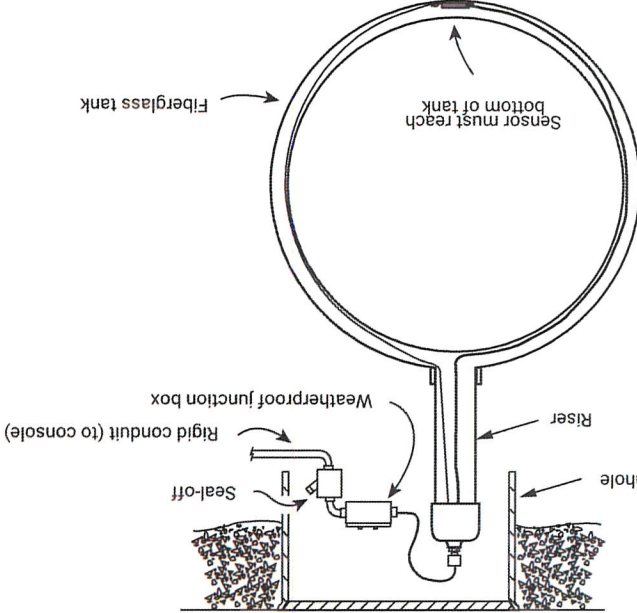
Sensor Description		Part Number	Category	Fuel Compatibility
This Solid-State, Non-Discriminating Sensor is installed typically in a containment sump area to detect the presence of a liquid. Its optical liquid level technology requires no moving parts, allowing it to operate in sub-zero temperatures.		794380-351	<input type="checkbox"/> Discriminating <input checked="" type="checkbox"/> Non-Discriminating <input type="checkbox"/> Position Sensitive <input type="checkbox"/> Level Sensing <input type="checkbox"/> Static Testing <input type="checkbox"/> Hydrostatic	<input checked="" type="checkbox"/> Gas <input checked="" type="checkbox"/> E-15 <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> E-85 <input type="checkbox"/> E-100 <input checked="" type="checkbox"/> Waste Oil <input checked="" type="checkbox"/> Motor Oil <input checked="" type="checkbox"/> Bio-Diesel 20 <input checked="" type="checkbox"/> Bio-Diesel 100
Sensor Interface Modules		Recommended Min. Console Software Module Part #    Module Description    # of Modules per Console    # of Sensor Inputs per Module    Availability		
TLS-450PLUS (8600 Series) TLS-450 TLS4 (8601 Series) TLS4B (8601 Series) TLS4C (8601 Series)		332812-001 330020-750 330020-751	6A or Higher 4A or Higher 6A or Higher	Universal Sensor Module (USM) Universal Sensor Input (USIOM-AC) Out-put Module (USIOM-AC)
TLS-350R/PLUS TLS350J TLS-300I TLS-300C		329956-001	124/324 or Higher	Type A Sensor Interface Module Up to 8
Alarm Notification		Normal Fuel Alarm Sensor not communicating to ATG/Console Sensor Out 330020-012 Universal Sensor Mounting Kit (Sold separately)		
Specifications		Operating Principle Optical - Looking at phase changes in the light beams by causing them to interact or interfere with one another Fuel or Water - Approx. 1" (2.54cm) -40 to +122°F (-40 to +50°C) Dimensions 22.1" (56.1cm) high, 2.2" (5.6cm) dia. Miscellaneous/Notes Standard Cable Length: 12ft (3.6m) Third Party Evaluation Links TLS-350/TLS-450 Series Consoles TLS4 (8601 Series) Consoles Solid-State Non-Discriminating Containment Sump Sensor Product Link Warranty with System 1 Yr Parts & Labor Warranty (When purchased separately) 1 Yr Parts Only Where Used (Typical) <input type="checkbox"/> Convault Tank <input type="checkbox"/> Dispenser Pan <input checked="" type="checkbox"/> Spill Containment <input checked="" type="checkbox"/> STP Sump <input type="checkbox"/> Oil/Water Separator Tank <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Annular Space		
Example Installation				

<p><b>Sensor Description</b>                  The Interstitial Sensor for Double-Wall Fiberglass Tanks with high alcohol product uses solid-state liquid level sensing technology to detect liquid in the interstitial space of the tank.</p>	<p><b>Solid-State Alternative Ethanol Fluid Interstitial Sensor for Double-Wall Fiberglass Tanks</b>                  794380-345</p>
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	<p><b>Category</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Discriminating</li> <li><input checked="" type="checkbox"/> Non-Discriminating</li> <li><input type="checkbox"/> Position Sensitive</li> </ul> <p><b>Fuel Compatibility</b></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Gas</li> <li><input checked="" type="checkbox"/> E-15</li> <li><input checked="" type="checkbox"/> Diesel</li> <li><input checked="" type="checkbox"/> E-85</li> <li><input checked="" type="checkbox"/> DEF</li> <li><input checked="" type="checkbox"/> Green Diesel</li> <li><input checked="" type="checkbox"/> E-100</li> <li><input checked="" type="checkbox"/> Kerosene</li> <li><input checked="" type="checkbox"/> Jet Fuel</li> <li><input checked="" type="checkbox"/> Bio-Diesel 20</li> <li><input checked="" type="checkbox"/> Bio-Diesel 100</li> <li><input checked="" type="checkbox"/> Aviation Gas</li> <li><input type="checkbox"/> Motor Oil</li> <li><input type="checkbox"/> Waste Oil</li> </ul>
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Console Compatibility (*International Only <sup>1</sup> )	Recommended Min. Console Software	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	330020-750	Universal Sensor Input Module (USIM-AC)	1	12	Included
TLS4 (8601 Series) <sup>1</sup> TLS4B (8601 Series) <sup>1</sup> TLS4C (8601 Series)	6A or Higher	330020-751	Type A Sensor Interface Module	Up to 8	8	Sold Separately
TLS-350J TLS-300I TLS-300C	N/A	329956-001	N/A	N/A	N/A	N/A

<p><b>Alarm Notification</b></p>	<p>Normal</p>	<p>Sensor in Normal State - No liquid detected</p>	<p>Liquid detected</p>	<p>Sensor not communicating to ATG/Console</p>
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<p><b>Specifications</b></p> <p>Operating Principle: Optical - looking at phase changes in the light beams by causing them to interact or interfere with one another</p> <p>Product Activation Height: Fuel or Water &lt; 0.2" (0.5cm); E85 &lt; 0.4" (1cm)</p> <p>Operating Temperature: -40 to +122°F (-40 to +50°C)</p> <p>Dimensions: 4.3" (11cm) length, 1.5" (3.8cm) width, 0.5" (1.3cm) thick</p> <p>Miscellaneous/Notes: Standard Cable 25ft (7.6m) fits 4 to 10ft (1.2 to 3m) I.D. fiberglass tanks</p> <p>Third Party Evaluation Links: TLS-350/TLS-450 Series Consoles; TLS4 (8601 Series) Consoles</p> <p>Product Link: Solid-State Alternative Ethanol Fluid Interstitial Sensor</p> <p>Warranty with System: 1 Yr Parts &amp; Labor</p> <p>Warranty (When purchased separately): 1 Yr Parts Only</p> <p>Where Used (Typical)</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Convault Tank</li> <li><input checked="" type="checkbox"/> Annular Space</li> <li><input type="checkbox"/> Monitoring Well</li> <li><input type="checkbox"/> Oil/Water Separator Tank</li> <li><input type="checkbox"/> Dispenser Pan</li> <li><input type="checkbox"/> Spill Containment</li> <li><input type="checkbox"/> STP Sump</li> </ul>	
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