

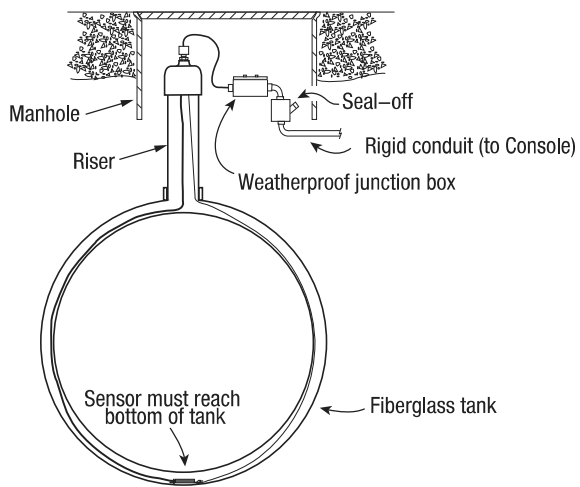


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|--|---|---|---|---|--------------------------------------|---------------------|
| Sensor Description | Solid-State Alternative Ethanol Fluid Interstitial Sensor for Double-Wall Fiberglass Tanks | | The interstitial sensor for double-wall fiberglass tanks with high alcohol product uses solid-state liquid level sensing technology to detect liquid in the interstitial space of the tank. | Sensor Matrix  | | |
| Form Number | 794380-345 | | | | | |
| Where Used (Typical) | <input type="checkbox"/> Dispenser Pan <input checked="" type="checkbox"/> Annular Space <input type="checkbox"/> Spill Containment <input type="checkbox"/> Monitoring Well <input type="checkbox"/> STP Sump <input type="checkbox"/> Oil/Water Separator Tank <input checked="" type="checkbox"/> Convault Tank | | | Category | | |
| Fuel Compatibility |  <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 checked="" 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 | | | <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 | | |
| Console Compatibility (*International Only¹) | Recommended Min. Console Software | Sensor Interface Modules | | | | |
| | | Module Form # | 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 | 332812-001 | | | | |
| ¹ TLS4 (8601 Series) | 6A or Higher | 330020-750 | Universal Sensor Input Output Module (USIOM-AC) | 1 | 12 | Included |
| TLS4i (8601 Series) | | 330020-750 | | | | |
| ¹ TLS4B (8601 Series) | | 330020-751 | | | | |
| TLS4c (8601 Series) | | 330020-751 | | | | |
| TLS-350/R/PLUS | 124/324 or Higher | 329956-001 | Type A Sensor 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 | | | | |
| | Sensor out | Sensor not communicating to ATG / Console | | | | |
| Specifications | | | Example Installation | | | |
| Operating Principle | Optical - looking at phase changes in the light beams by causing them to interact or interfere with one another | |  | | | |
| Product Activation Height | Fuel or Water <0.2" (0.5cm); E85 <0.4" (1cm) | | | | | |
| Operating Temp | -40 to +122°F (-40 to +50°C) | | | | | |
| Dimensions | 4.3" (11cm) length, 1.5" (3.8cm) width, 0.5" (1.3cm) thick | | | | | |
| Miscellaneous / Notes | Standard Cable 25 feet (7.6m) Fits 4 to 10 foot [1.2 to 3m] I.D.fiberglass tanks | | | | | |
| Third Party Evaluation Links | TLS-350/TLS-450 Series Consoles TLS4 (8601 Series) Consoles | | | | | |
| Product Link | Solid-State Alternative Ethanol Fluid Interstitial Sensor | | | | | |
| Warranty with System | 1 Yr Parts & Labor | | | | | |
| Warranty (When purchased separately) | 1 Yr Parts Only | | | | | |