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|--|---|---|
| <b>Probe Description &amp; Product Application</b> | <b>Stainless Steel Mag Plus In-Tank Probe for Monitoring Gasoline,<br/>Retail Diesel Products &amp; Water</b> in both USTs and ASTs |  |
|--|---|---|

| <b>Specific Products Monitored / Product Compatibility</b> | <b>Part # &amp; Description</b>  | <b>Specific Products</b>               | <b>Monitoring Functionality</b>                                       |
|--|--|--|---|
|  | <b>Leak Detection / BIR - AccuChart Probes</b><br>1. 846397-1XX Stainless Steel (SS) In-Tank Probe with High Grade Polymer (HGP) Canister with Water Detection & 0.1GPH Testing Capability, UL<br>2. 846397-2XX SS In-Tank Probe with HGP Canister with Water Detection & 0.2GPH Testing Capability, UL<br>3. 846391-1XX SS In-Tank Probe with Aluminum (AL) Canister with Water Detection & 0.1 GPH Testing Capability, UL<br>4. 846391-2XX SS In-Tank Probe with AL Canister with Water Detection & 0.2 GPH Testing Capability, UL | <b>Gasohol (&lt;=15% Ethanol)</b>      | A. 0.1 GPH static in-tank testing for USTs only                       |
|  |  | Gasoline with <=7% Methanol and 8% TBA | B. 0.2 GPH static in-tank testing for USTs only                       |
|  |  | Gasoline with <=15% MTBE               | C. 0.2 GPH Continuous Statistical Leak Detection (CSLD) for USTs only |
|  |  | Gasoline with <=17% TAME               |   |
|  |  | Leaded Gasoline                        | D. No Leak Detection / Inventory Only for USTs & ASTs                 |
|  |  | Mineral Spirits                        | E. BIR – AccuChart for USTs only                                      |
|  |  | Premium Unleaded Gasoline              |   |
|  |  | Regular Unleaded Gasoline              |   |
|  |  | Gasoline with <=15% ETBE               |   |
|  |  | Gasoline with <=12% TBA                |   |
|  |  | Diesel (Fuel Oil #2)                   |   |
|  |  | Aviation Gas                           |   |
|  |  | Kerosene (Fuel Oil #1)                 |   |
|  |  | Bio Diesel (Low Density)               |   |

| <b>Console Compatibility</b>                                       | <b>Maximum Probes / Console</b> | <b>Probe Interface Modules</b>                               |  |                                 |                                     |   |
|--|---------------------------------|--|--|---------------------------------|-------------------------------------|---|
|  |                                 | <b>Module Part #</b>   | <b>Module Description</b>  | <b># of Modules per Console</b> | <b># of Probe Inputs per Module</b> | <b>Availability</b>   |
| TLS-450PLUS (8600 Series) with TLS-XB installed (3 max per system) | 64 (32 with BIR)                | 332812-001   | Universal Sensor Module (USM) Interface for Probes, Sensors, and DPLLD | Up to 4 - TLS-4XX               | 16                                  | Sold Separately (either Factory Installed or as a Spare Module) |
| TLS4i (8601 Series)  | 4                               | No module required, probe input capability factory installed |  |                                 |                                     |   |
| TLS4c (8601 Series)  | 2                               |  |  |                                 |                                     |   |
| TLS-350/R/PLUS   | 16                              | 329356-002   | 4-Input Probe Interface Module   | 4                               | 4                                   | Sold Separately (either Factory Installed or as a Spare Module) |
| TLS-300i   | 4                               | No module required, probe input capability factory installed |  |                                 |                                     |   |
| TLS-300C   | 2                               |  |  |                                 |                                     |   |

| Part # & Description                             | Float Size   | Cable Lengths              | Min/Max Probe Length                     |                              |
|--|--|----------------------------|--|------------------------------|
| <b>Float Installation Kits</b>                   | 886100-XX0 Mag Plus Phase Separation Float Kit   | 4" (10.16cm)               | 5' (1.5m),<br>10' (3.05m),<br>20' (6.1m) | 48" (1.2m) -<br>144" (3.66m) |
|  | 846400-3X0 Mag Plus Gasoline Float Kit   | 3" (7.62cm)                |  |                              |
|  | 846400-1X0 Mag Plus Gasoline Float Kit   | 2" (5.08cm)                |  |                              |
|  | 846400-0X1 Mag Plus Diesel Float Kit   | 4" (10.16cm)               |  |                              |
|  | 846400-3X1 Mag Plus Diesel Float Kit   | 3" (7.62cm)                |  |                              |
|  | 846400-1X1 Mag Plus Diesel Float Kit   | 2" (5.08cm)                |  |                              |
| <b>Other Installation Accessories</b>            | 312020-952 4" (10.16cm) NPT Riser Cap and Ring Kit for In-Tank Probes<br>330020-282 4" (10.16cm) Threaded NPT Riser Cap for In-Tank Probes |                            |  |                              |
| <b>Specifications</b>                            | <b>Product</b>   | <b>Water</b>               |  |                              |
| Measurement Accuracy                             | +/- 0.0300" (0.762mm)  | +/- 0.0300" (0.762mm)      |  |                              |
| Resolution - One Sample Reading                  | +/- 0.002857" (0.072571mm)   | +/- 0.002857" (0.072571mm) |  |                              |
| Minimum Measurement - 2" (5.08cm) Float Kits     | 3.23" (8.2cm)  | 0.867" (2.2cm)             |  |                              |
| Minimum Measurement - 3" (7.62cm) Float Kits     | 3.04" (7.72cm)   | 0.630" (1.6cm)             |  |                              |
| Minimum Measurement - 4" (10.16cm) Float Kits    | 3.04" / 7.0" for Phase Sep.  | 0.630" (1.6cm)             |  |                              |
| Operating (Working) Temperature Range            | -40 to +122°F (-40 to +50°C)   |                            |  |                              |
| Third Party Evaluation / Agency Listings & Links | UL, cUL, ATEX, IECEx<br><a href="http://www.nwglde.org/evals/veeder_root_j.html">http://www.nwglde.org/evals/veeder_root_j.html</a>        |                            |  |                              |
| Product Installation Guide Link                  | <a href="https://www.veeder.com/us/technical-document-library">https://www.veeder.com/us/technical-document-library</a>                    |                            |  |                              |

**Example Installation**
