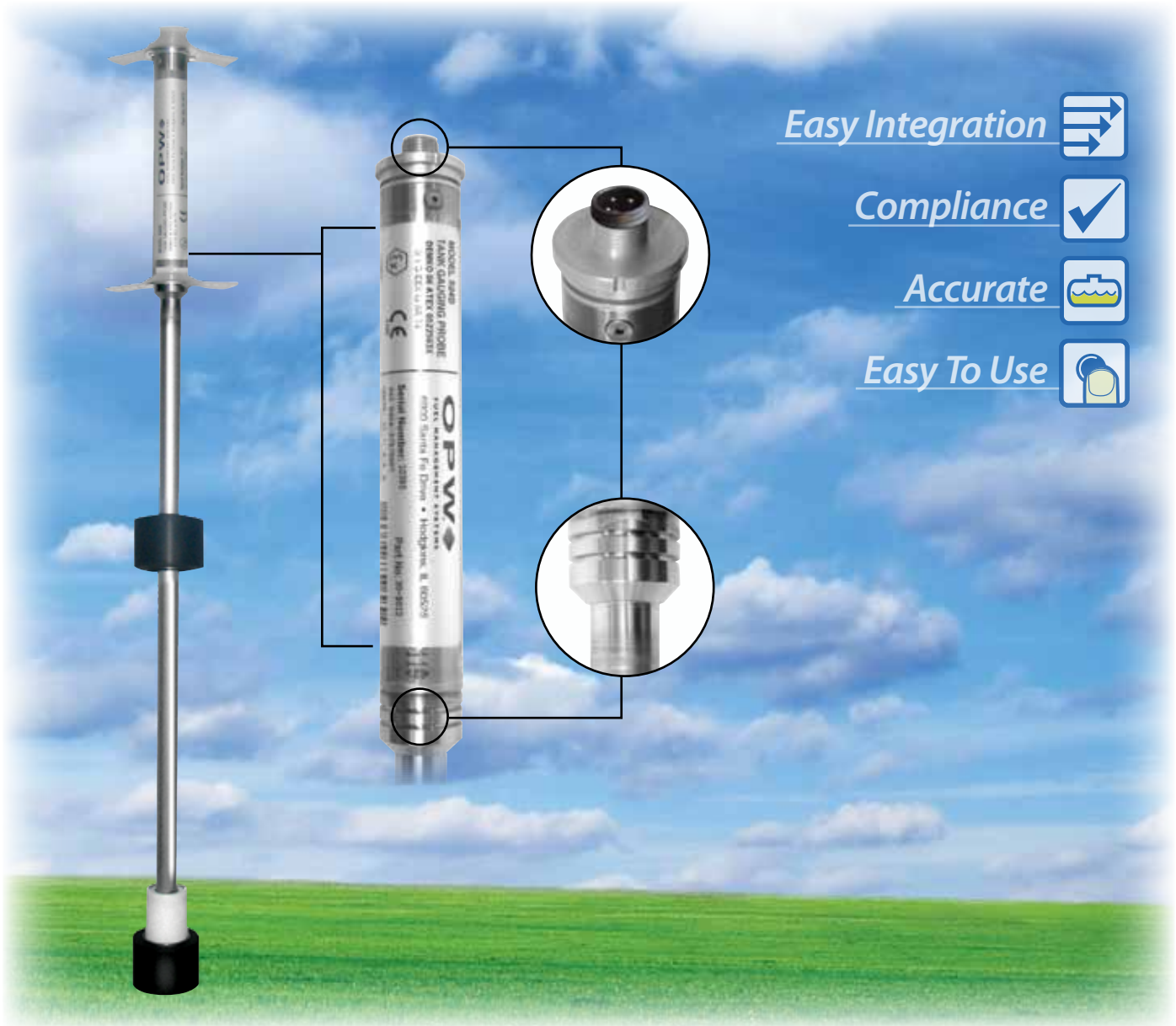


Model 924B Magnetostrictive Probe

All stainless-steel construction, highly accurate, easy installation and trouble-free performance for inventory management and in-tank leak detection.



Easy Integration



Compliance



Accurate



Easy To Use



The Model 924B Magnetostrictive Probe features standard stainless-steel construction, making it ideally suited for use with gasoline, diesel, ethanol and biodiesel. The 924B probe is certified to meet or exceed the U.S. Environmental Protection Agency's performance standards for 0.1 gph (0.38 L/hr) volumetric tank tightness testing and 0.2 gph (0.76 L/hr) monthly product-level monitoring.

- ◆ Welded construction eliminates potential leak points
- ◆ Level 1 probe – one probe for all applications
- ◆ Easy Installation – Fits in a 2-inch to 4-inch (5.1 cm to 10.2 cm) riser
- ◆ Can be multi-dropped – up to four (4) probes connected on a single I.S. channel (SiteSentinel® iSite™/Integra™ only)
- ◆ Optional Density Float provides a measure of all changes in product density within the specified API density range

Leading The Way in Electronic Fuel Management Systems



Model 924B Magnetostrictive Probe

Magnetostrictive Probe Data

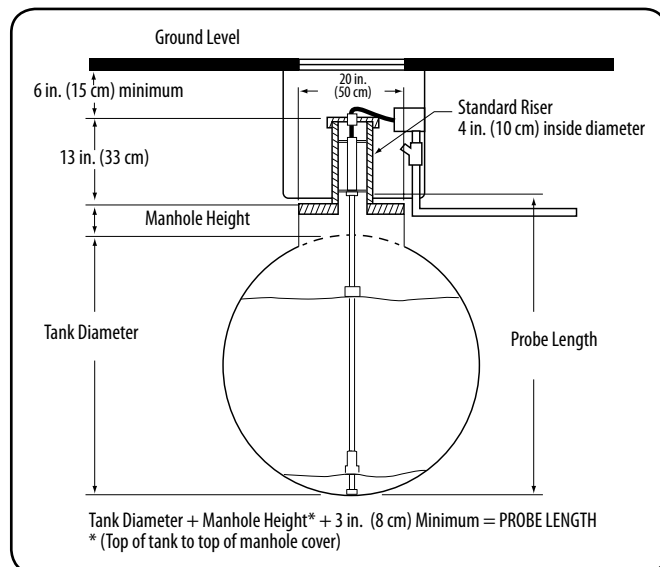
- Measures product level changes to a resolution of 0.0005 inches (0.0127 mm)
- Measures product temperature changes to a resolution of 0.001° F (-17.7° C)
- Measures water level changes to a resolution of 0.01 inches (0.254 mm)
- Linearity over the entire probe length is ± 0.04 inches (± 1 mm)

Leak Test Performance

EPA Static Leak and Continuous Test Certified

- 0.2 gph (0.76 L/hr) Statistical Leak Detection (SLD) Test
Note: Only available in SiteSentinel® iSite™ and SiteSentinel® Integra™: 397,000 gallons (1,502,809 liters)/month throughput for single-tank, 2-tank or 3-tank manifold installations; 30,000-gallon (113,562-liter) combined maximum capacity
- 0.2 gph (0.76 L/hr) Statistical Leak Detection (SLD) Test: 99.1% Pd, 0.9% Pfa
- Third-party certified to meet US EPA Static Leak Detection requirements in tanks up to 20,000 gallons (76,000 liters)
- 0.2 gph (0.76 L/hr) Static Leak Test: 98.18% Pd, 1.82% Pfa
- 0.1 gph (0.38 L/hr) Static Leak Test: 96.5% Pd, 3.5% Pfa
- 0.2 gph (0.76 L/hr) Automatic Leak Detection (ALD)
- 0.1 gph (0.38 L/hr) Automatic Leak Detection (ALD)

Certifications & Accreditation



Probe Length

Part No.	Description	Part No.	Description
30-B053	53 inch (135 cm)	30-B105	105 inch (267 cm)
30-B069	69 inch (175 cm)	30-B113	113 inch (287 cm)
30-B077	77 inch (196 cm)	30-B125	125 inch (318 cm)
30-B089	89 inch (226 cm)	30-B137	137 inch (348 cm)
30-B101	101 inch (257 cm)	30-B149	149 inch (379 cm)

Probe Float Kits

Part No.	Description
30-1509-02	2 inch (5.1 cm) Gas/Water Nitrophenyl Float Kit
30-1509-01	2 inch (5.1 cm) Diesel/Water Nitrophenyl Float Kit
30-3232	2 inch (5.1 cm) Density Measurement Kit

Stainless-steel floats available upon request

Note: No leak testing available with stainless-steel floats

Probe Specifications

- Type: Magnetostrictive/Float
- Material: Stainless-Steel Body, Nickel-Coated Brass Cap
- Location: Hazardous, Class 1, Division 1, Group D
- Temperature: 5 RTDs
- Temperature Range: -40° F to 158° F (-40° C to +70° C)
At Pi: 1W
- Data Cable: 1,000 feet (305 m) Belden 88760
500 feet (152 m) maximum Belden 88761

I.S. Barrier Wiring Diagram

