



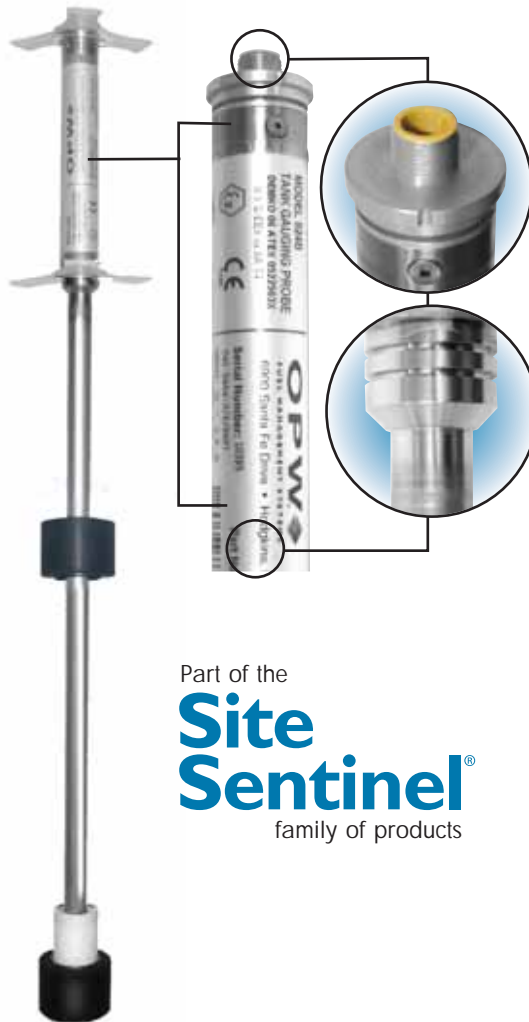
THERE'S THE OLD WAY... OR THERE'S THE

924B MAGNETOSTRICTIVE PROBE

Trouble-free accuracy with proven magnetostrictive probe technology

Highly accurate, trouble-free performance for inventory management and in-tank leak detection. Unlike competitive probes that have to be upgraded to handle different liquids, the 924B probe comes standard in stainless steel and can be used with most petroleum products. The probe also measures water level, providing information to ensure product quality.

- All stainless steel construction
- Welded construction – eliminates potential leak points
- Level 1 probe - one probe for all applications
- Easy Installation: Can “daisy-chain” up to 4 probes on one IS channel (SiteSentinel® iSite™ only) which makes installation easier and less time consuming
- Optional Density Float provides a measure of even the slightest changes in product quality within the specified API density range.

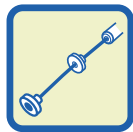


Part of the
SiteSentinel®
family of products



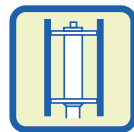
ACCURATE

Five-point temperature sensing element provides exact temperature compensation for product volume contraction and expansion, allowing for accurate inventory management and in-tank leak detection.



EASY-TO-USE

Automatically transmits probe profile to SiteSentinel® iSite™ on start-up, eliminating programming errors.



INSTALLATION

Adjustable probe head centering disks provide a tight fit inside risers with diameters ranging from 2" (5.1 cm) to 4" (10.2 cm).



COMPLIANCE

Supports programmable ALD (Automatic Leak Detection) to perform daily, weekly, monthly, and annually required leak tests as well as Segmented Leak Detection (SLD) for 24-hour continuous monthly leak tests (for SiteSentinel® iSite™ only).



Compliance

- The system is certified to meet and exceed U.S. Environmental Protection Agency's performance standards for 0.1 gph (0.38 lph) volumetric tank tightness testing and 0.2 gph (0.76 lph) monthly monitoring
- Supports ALD with SiteSentinel® ATG family and supports SLD with SiteSentinel® iSite™

Magnetostrictive Probe Data

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

Leak Test Performance

- 3rd party certified to meet US EPA Leak Detection requirements (Static and SLD) in tanks up to 20,000 gallons (76,000 liters)
- 0.2 gph (0.76 lph) Static Leak Test: 98.18% Pd, 1.82% Pfa
- 0.1 gph (0.38 lph) Static Leak Test: 96.5% Pd, 3.5% Pfa
- 0.2 gph (0.76 lph) Automatic Leak Detection (ALD)
- 0.1 gph (0.38 lph) Automatic Leak Detection (ALD)
- 3rd party certified to meet US EPA Leak Detection requirements (SLD) in tanks up to 35,000 gallons (132,475 liters)
- 0.2 gph (0.76 lph) Continuous Leak Test (SLD), 99.1% Pd, 0.9% Pfa Certified Probe 35,000 Gallon Tank (132,475 liters)

Certifications



Probe Specifications

Type: Magnetostrictive/Float
 Material: Stainless Steel Body, Aluminum Cap
 Location: Hazardous, Class 1, Division 1, Group D
 Temperature: 5 RTDs
 Temperature Range: -40° to 140° F (-40° to 60° C)
 Data Cable: 1000' (300 m) Belden 88760
 500' (150 m) max. Belden 88761

Probe Length

Part No.	Description
30-B053	53" (135 cm)
30-B069	69" (175 cm)
30-B077	77" (196 cm)
30-B089	89" (226 cm)
30-B101	101" (257 cm)
30-B105	105" (267 cm)
30-B113	113" (287 cm)
30-B125	125" (317 cm)
30-B137	137" (350 cm)
30-B149	149" (376 cm)

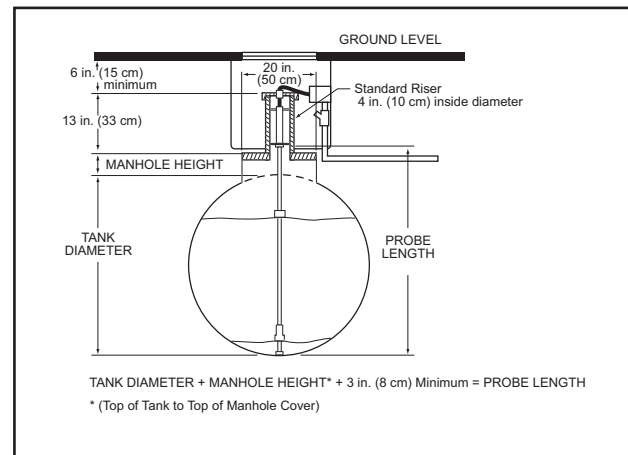
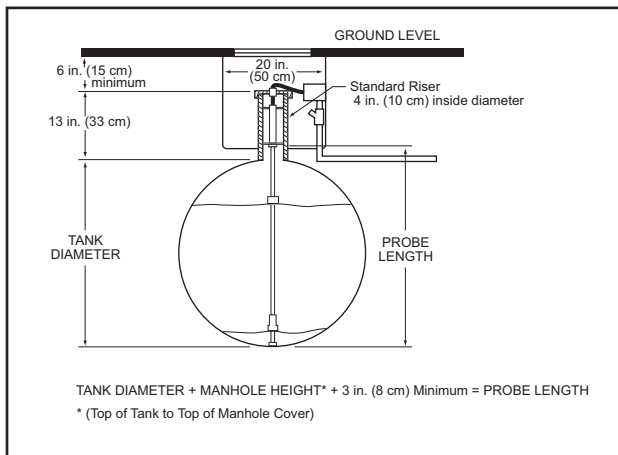
Probe Float Kits

Part No.	Description
30-1509-02	2" (5.1 cm) Gas/Water Nitrophenyl Float Kit
30-1509-01	2" (5.1 cm) Diesel/Water Nitrophenyl Float Kit
30-3232	2" (5.1 cm) Density Measurement Kit
30-1508-02	4" (10.2 cm) Gas/Water Nitrophenyl Float Kit
30-1508-01	4" (10.2 cm) Diesel/Water Nitrophenyl Float Kit

4" Float Kit required for SLD feature

Stainless steel floats available upon request

Note: No leak testing available with stainless steel floats



ONE COMPANY. ONE WORLD. ONE SOURCE.

6900 SANTA FE DRIVE • HODGKINS, IL USA 60525 • www.opwfms.com • 708-485-4200 • (fax) 708-485-4630

NOTE: All information subject to engineering and/or other changes. All trade names are copyrighted. Patents Pending. ©2008 OPW Fuel Management Systems
 ©2008 Delaware Capital Formation, Inc. All Rights Reserved. DOVER and the DOVER logo are registered trademarks of Delaware Capital Formation, Inc., a wholly-owned subsidiary of Dover Corporation