

# Built on Tradition



# Highland Tank®

Our magnetostrictive continuous level sensor employs two floats and a temperature sensor to provide product and water levels as well as temperature-compensated volume for accurate inventory reporting.

The level sensor is part of the High-LINK LevelShield system to provide continuous tank monitoring from anywhere at anytime. The other component of the LevelShield is the Comm Box that processes input from one or two probes and transmits data to the High-LINK platform for analysis and reporting. The panel also includes audible/visual alarm inputs for interstitial and overfill alarms.

The LevelShield inventory management system eliminates the need to manually check and record levels as in traditional tank monitoring systems.

With minimal hardware and wiring, the LevelShield system reduces installation costs and can be mounted on any vertical surface, indoor or outdoor.

## Magnetostrictive Probe

HT-6110

### Specifications

- 2-Floats for level monitoring product & water
- Measuring accuracy up to  $\pm 0.02$ "
- Integrated sensor for temperature-compensated volume monitoring
- RS-485 Wired Communication Standard
- Measuring range along the complete probe length
- Standard lengths of 60" to 167" (Longer probe lengths are available upon request)
- Resolution  $\pm .004$ "
- Environmental:  $-40^{\circ}$ - $185^{\circ}$ F

Measure | Monitor | Manage



NEMA 4X  
Probe head

Stored liquid  
temperature  
monitoring

Continuous liquid  
level sensing

Stainless-steel  
construction

Water detection  
sensor

### Physical

- Floats: SP-P for product, SP-A for water
- Stem: 316L stainless steel tubing
- Tank connection: 2" NPT

### Certifications

- Explosion-proof ATEX CESI & IENRIS-OIML R85 (pending)
- Class 1 Division 1&2 (Safer Barrier)
- Class 1 Zone 1&2 (Safer Barrier)

Specifications for magnetostrictive probes only.

Other level-sensing equipment is available upon request.



# Highland Tank®



#### Stoystown, PA

One Highland Rd.  
Stoystown, PA 15563  
(814) 893-5701

#### Manheim, PA

4535 Elizabethtown Rd.  
Manheim, PA 17545  
(717) 664-0600

#### Watervliet, NY

958 19th St.  
Watervliet, NY 12189  
(518) 273-0801

#### Greensboro, NC

2700 Patterson St.  
Greensboro, NC 27407  
(336) 218-0801

#### Friedens, PA

1510 Stoystown Rd.  
Friedens, PA 15541  
(814) 443-6800

#### Clarkston, MI

4701 White Lake Rd.  
Clarkston, MI 48346  
(248) 625-8700

#### Mancelona, MI

9517 Lake St.  
Mancelona, MI 49659  
(231) 587-8412