

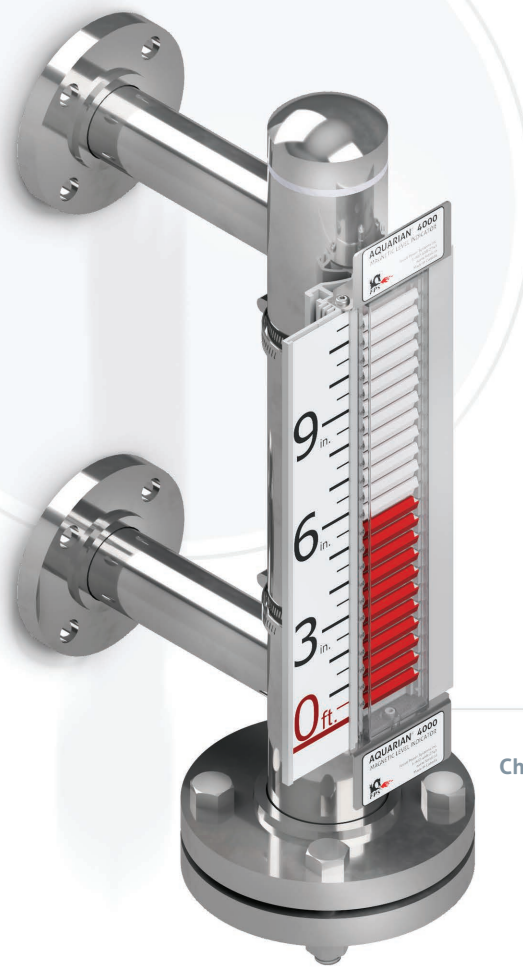
FPS

LEVEL GAUGES (FOR STEAM & PROCESS APPLICATIONS)

AQUARIAN



Magnetic Level Indicator for steam and process applications are designed by FPS for high performance and reliability while providing a totally leak-proof, non-invasive method to measure level.



SS Pipe Chamber and Indicator Assembly

Aquarian 4000 Magnetic Level Indicator

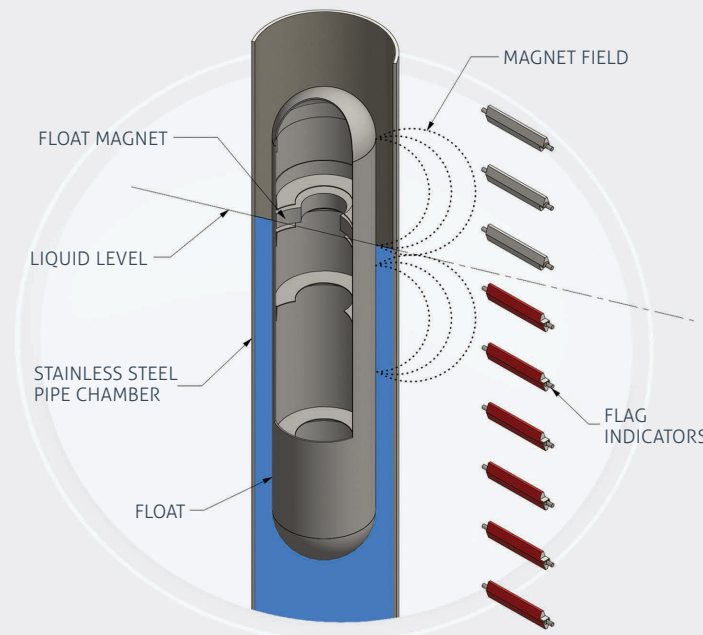
The Aquarian 4000 Magnetic Level Indicator (MLI) is a new approach to level measurement. The MLI provides a totally leak-proof, non-invasive method to measure level. This is especially advantageous when process fluids are dangerous or flammable. The isolation of the indicator from the process fluid also limits the amount of regular maintenance required for the indicator.

The Magnetic Level Indicator uses a non-magnetic float with an internal magnetic that is coupled to the magnetic two-colour indicator flags. The float is enclosed within a 316 stainless steel pipe chamber that is connected to the process vessel. The flags are held in an aluminum frame within a sealed polycarbonate extrusion. As the process fluid rises or lowers, the flags rotate to indicate the fluid level.

Each float is specifically designed to function in the specific gravity (S.G.) of the process fluid present, providing accurate level readings.

APPLICATIONS

- Boiler Drums
- Hot Wells
- Blowdown Tanks
- Feedwater Heaters
- Deaerators
- Propane Vessels
- Oil/Water Separators
- Chemical Tanks
- Gas Chillers
- Oil and Gas Industry
- Pulp and Paper Industry



The FPS logo is proudly displayed on all products for authentication.

FEATURES AND BENEFITS

- Designed for 1350 PSI (93 bar) and 700 °F (370 °C).
- 5 year warranty on all parts.
- 1.75-inch flag width provides 300 ft viewing distance with 140° viewing angle.
- Machined flag holders provide accurate flag spacing and low flag rotation friction.
- Floats constructed in type 321 Stainless Steel or Titanium, depending on application requirements.
- High Strength rare earth float magnet provides reliable magnetic coupling to the flags.
- High contrast bicoloured indicator flags for easy visibility.
- Large high contrast scale provides long distance viewing.
- Fully sealed and Nitrogen purged flag assembly for reliability in all environmental conditions.
- Specific Gravity fluids as low as 0.6.
- Optional Level Switch and Remote indicators are available.
- Constructed to the ASME Boiler and Pressure Vessel Code requirements for design, materials, and construction.