

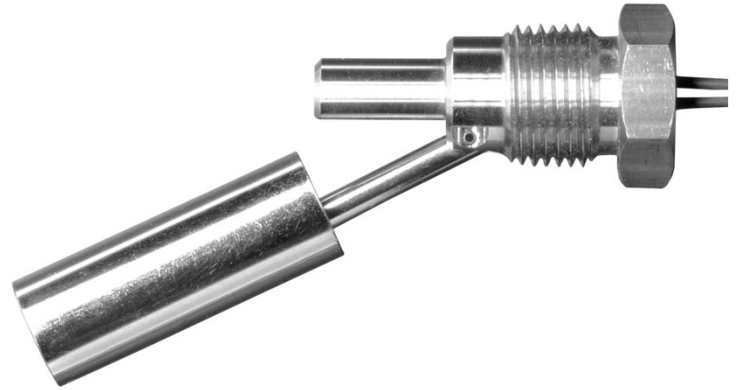
Liquid Level Float Switches

KWLS-F12

The Ketwells, KWLS-F12 Liquid Level Float Switches low-cost, hermetically sealed level switch is designed for mounting side the walls of tanks. Its operating concept is based on two scientific principles, buoyancy and magnetism.

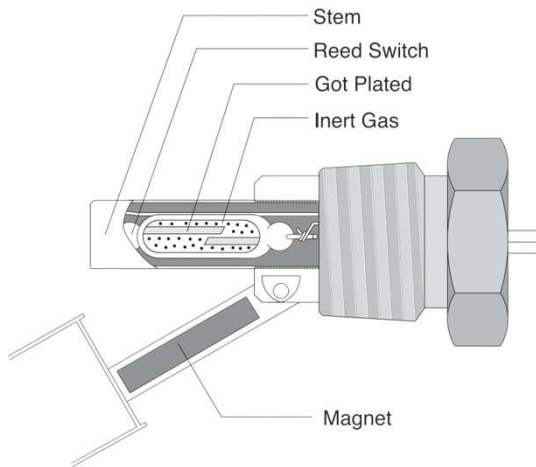
The float is specifically engineered to match the specific gravity and viscosity of the target liquid. Inside the float is a magnet, while the stationary stem houses a reed switch. When the liquid level changes, the float rises or falls accordingly. As the magnet inside the float moves into proximity with the reed switch, it activates or deactivates the electrical contact, depending on its position.

Side-Mounted from Outside

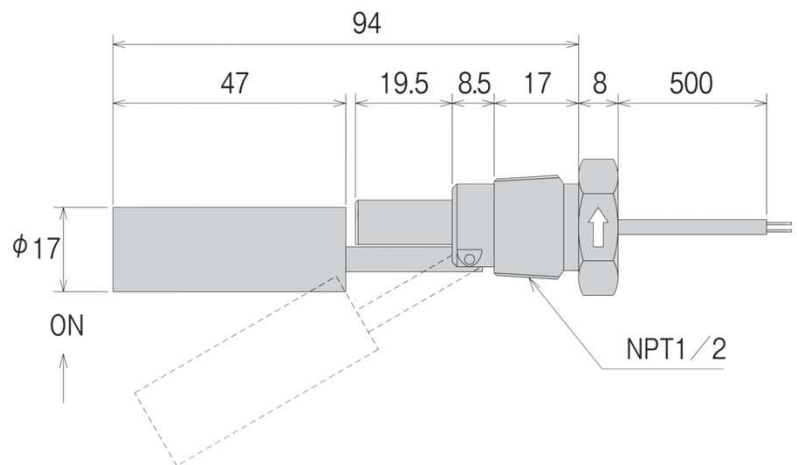


All Stainless Steel

Structure



Dimension



Specifications

Service: Water, Oils, Chemicals and Corrosives

Materials: SUS 304

Temperature Range: -40 to 120 °C

Pressure Resistance: 0.5 MPa (5 bar)

Specific Gravity of Liquid: ≥ 0.8

Switch Type: SPST hermetically sealed reed switch. Adjust position for NO or NC

Electrical Rating: 50W, 0.5A @300 AC/DC

Process Connection: NPT 1/2" Male