

Float Level Sensor

The float level sensor measures liquid levels in tanks or vessels. It utilizes a float that rises or falls with the liquid level, and a sensor that detects the float's position and converts it into an electrical signal.



Product Overview

Reliable Liquid Level Monitoring

This float level transducer provides a simple and dependable solution for measuring non-coating, low-viscosity liquids. It is uniquely engineered to remain unaffected by foaming, vapors, or liquid dielectric variations that typically disrupt other sensing technologies. Designed for both pressure and normal pressure conditions, it ensures continuous, stable performance across a wide range of industrial applications.

Technical Metrics

Performance Metrics

6000 mm

Max Measuring Range

320 PSIG

Max Pressure

100 °C

Max Temperature

Operational Specifications

Power Requirements

- Power Supply: DC 24V
- Power Consumption: < 0.5W
- Output Signal: 4–20 mA

Environment & Protection

Parameter	Value
Protection Class	IP65
Working Temp	-40 to 60 °C
Media Temp	-40 to 100 °C
Accuracy	±10 mm

Material & Compatibility

Media Requirements

- Minimum density: e0.75g/cm³
- Maximum viscosity: 1.25 St

Construction Materials

1Cr18Ni9Ti, SUS316L, 316 Stainless Steel, PTFE Lined PVC