

# Floating Ball Liquid Level Gauge

This gauge provides a direct reading of liquid levels via a floating ball connected to a graduated indicator. It can be mounted on the top or side of a tank, and is optionally available with a 4-20mA transmitter.



## Product Overview

### Floating Ball Liquid Level Gauge

The Floating Ball Liquid Level Gauge provides a reliable, visual method for monitoring liquid levels in industrial tanks and process vessels. Designed for durability and precision, this gauge utilizes a buoyant float mechanism to offer direct, real-time level readings. It is suitable for a wide range of demanding environments, capable of withstanding extreme temperatures and pressures.

## Performance Metrics

### Key Operating Limits

**6 Mpa**

Max Pressure

**450 °C**

Max Temperature

**0.35 g/cm<sup>3</sup>**

Min Density

Measuring Range: 6000 mm

Measuring Accuracy:  $d \pm 10\text{mm}$

## Technical Specifications

### Medium Conditions

Parameter	Specification
Pressure Range	-1.0 to 6.0 Mpa
Temperature Range	-40 to 450 °C
Max Viscosity	$d10 \text{ g/s}$

### Installation & Components

- Flange: Standard DN20 (customizable)
- Drain Valve: Q11f-15PC 1/2" rifled ball valve
- Air Hole: GZ1/2" pipe plug

Material Specifications: Probe Material: Density Dependent