

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

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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/cm³

Min Density

Measuring Range	6000 mm
Measuring Accuracy	d±10mm

Technical Specifications

Medium Conditions

Parameter	Specification
Pressure Range	-1.0 to 6.0 Mpa
Temperature Range	-40 to 450 °C
Max Viscosity	d10 ³ i/

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
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