

Magnetic Liquid Level Indicator

This magnetic level indicator measures liquid levels in open or pressurized tanks. Its design makes it suitable for use with aggressive, noxious, or flammable substances and in tough service conditions.



Overview

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This magnetic liquid level indicator provides a reliable and safe solution for visual level monitoring in tanks and vessels. Utilizing the principles of buoyancy and magnetism, the float-based system ensures accurate readings even in demanding industrial environments. It is engineered to perform across a wide range of pressures and temperatures, making it suitable for chemical, petrochemical, and water treatment applications.

Performance Metrics

Key Performance Indicators

6000 mm

Max Measuring Range

450 °C

Max Temperature

6 Mpa

Max Pressure

Technical Specifications

Measuring Accuracy	$d \pm 1 \text{ mm}$
Medium Pressure Range	-1.0 to 6.0 Mpa
Medium Temperature Range	-40 to 450 °C
Max Medium Viscosity	$d10 \text{ g/s}$
Min Medium Density	0.35 g/cm ³

Hardware & Connections

Connection & Valve Specs

Component	Specification
Flange	Standard DN20 or customized
Drain Valve	Q11f 15PC1/2" rifled ball valve
Air Hole	GZ1/2" pipe plug
Probe Material	Depends on the density