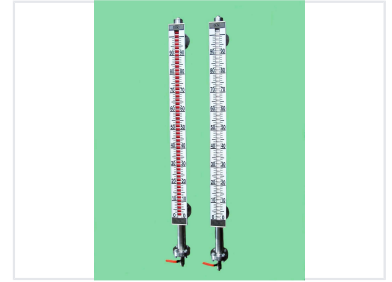


# Explosion-Proof Magnetic Flap Liquid Level Meter

This magnetic flap level meter offers good stability and reliability due to its simple structure. It is applicable for level or interface measurement of two kinds of media with different densities, and is independent of the conductivity, dielectric constants, and foam of the media.



## Overview

### Explosion-Proof Magnetic Flap Level Meter

This magnetic flap level indicator is designed for direct mounting on process vessels, utilizing magnetic coupling to drive a visual indicator without direct contact with the process medium. The system provides intuitive, high-contrast level monitoring using yellow and black indicators, ensuring clear readability similar to a thermometer. Engineered for hazardous environments, this device supports remote transmission and automatic control, offering a reliable, maintenance-free solution for various industrial fluids.

## Key Features

### Advantages

- High sensitivity and easy-to-read visual display
- Continuous level indication for high temperature, high pressure, and corrosive liquids
- Suitable for flammable and combustible liquids
- Wide measuring range with no blind spots
- Isolated display for increased safety and reliability

## Technical Specifications

|                      |                                  |
|----------------------|----------------------------------|
| Measuring Range      | 6000 mm                          |
| Measuring Accuracy   | $d \pm 10 \text{ mm}$            |
| Medium Pressure      | -1.0 to 6.0 MPa                  |
| Medium Temperature   | -40 to 450 °C                    |
| Max Medium Viscosity | $d 10^{-4} \text{ m}^2/\text{s}$ |
| Min Medium Density   | $e 0.35 \text{ g/cm}^3$          |

## Components & Configuration

|                 |                                 |
|-----------------|---------------------------------|
| Flange Standard | DN20 (customizable)             |
| Drain Valve     | Q11f-15P 1/2" rifled ball valve |
| Air Hole        | GZ 1/2" pipe plug               |