

Tank gauging instrument

Float Gauge LT5

Mechanical tank gauge for accurate and reliable level measurement



More information and current pricing:

www.uk.endress.com/LT5

Benefits:

- No electrical power is required to perform the measurement
- Built-in repeatability check
- Direct reading at the tank side allows you to check the level indication easily
- Can be installed on a variety of tanks including fixed roof, floating roof, covered floating roof and spherical tanks
- Can be used in conjunction with analog/digital transmitter to perform tank inventory management
- LT5 has completely integrated internal mechanisms
- Standardized guide wire and anchor design allow easy customer installation

Specs at a glance

- **Process temperature** -200 °C ... 200 °C (-328 °F ... 392 °F)
- **Process pressure absolute / max. overpressure limit** 1bar abs...24.5 bar abs 15 psi...355.25 psi
- **Accuracy** up to ±2mm (+/- 0.08")

Field of application: Float Gauge LT5 has been developed for all areas of industry. Many years of operation in a wide variety of applications have proven its reliability.

Features and specifications

Continuous / Liquids

Measuring principle

Servo / Float Tank Gauging

Continuous / Liquids

Characteristic / Application

Mechanical Tank Gauge for accurate and reliable Level Measurement

Specialities

Mechanical display

Accuracy

up to $\pm 2\text{mm}$ ($\pm 0.08\text{''}$)

Ambient temperature

$-20\text{ }^{\circ}\text{C}$... $+70\text{ }^{\circ}\text{C}$

($-4\text{ }^{\circ}\text{F}$... $+158\text{ }^{\circ}\text{F}$)

Process temperature

$-200\text{ }^{\circ}\text{C}$... $200\text{ }^{\circ}\text{C}$

($-328\text{ }^{\circ}\text{F}$... $392\text{ }^{\circ}\text{F}$)

Process pressure absolute / max. overpressure limit

1bar abs...24.5 bar abs

15 psi...355.25 psi

Main wetted parts

SUS316, PVC

Process connection

Thread: 1", 1 1/2"

Flange: 40A,

Max. measurement distance

30m (98ft)

Design approvals

EN 10204-3.1

Continuous / Liquids

Application limits

Measuring liquid density: 0.5 - 2.0 g/cm³

More information www.uk.endress.com/LT5