

Tank gauging instrument Float Gauge LT5

Mechanical tank gauge for accurate and reliable level measurement



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 / max. overpressure limit** 1bar abs...24.5 bar abs 15 psi...355.25 psi
- **Accuracy** up to $\pm 2\text{mm}$ (+/- 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 $\pm 2\text{mm}$ (+/- 0.08")

Ambient temperature

-20 °C ... +70 °C
(-4 °F ... +158 °F)

Process temperature

-200 °C ... 200 °C
(-328 °F ... 392 °F)

Process pressure / 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

Application limits

Measuring liquid density: 0.5 - 2.0 g/cm³



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