

# Tank gauging instrument

## Float Gauge LT5

Mechanical tank gauge for accurate and reliable level measurement



More information and current pricing:

[www.de.endress.com/LT5](http://www.de.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 / 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

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**Continuous / Liquids****Characteristic / Application**

Mechanical Tank Gauge for accurate and reliable Level Measurement

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**Specialities**

Mechanical display

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**Accuracy**

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

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**Ambient temperature**

-20 °C ... +70 °C  
(-4 °F ... +158 °F)

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**Process temperature**

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

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**Process pressure / max. overpressure limit**

1bar abs...24.5 bar abs  
15 psi...355.25 psi

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**Main wetted parts**

SUS316, PVC

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**Process connection**

Thread: 1", 1 1/2"  
Flange: 40A,

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**Max. measurement distance**

30m (98ft)

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**Design approvals**

EN 10204-3.1

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**Application limits**

Measuring liquid density: 0.5 - 2.0 g/cm<sup>3</sup>

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