

Pneumatic Level Indicator Unitel

- No power supply required.
- Reference pointer for easy consumption monitoring.
- Zero correction possible.
- For remote measurements up to 50 m.

Application

For continuous level measurement in tanks containing fuel oil, diesel fuel and rainwater.

For tank heights from 900 to 3,000 mm (depends on version).
Suitable for use in flood hazard areas and for remote measurement up to 50 m.

Description

Universal, pneumatic level indicator with capsule movement.
The tank height is fully adjustable. Measuring accuracy $\pm 3\%$ of full scale value.

A dual scale facilitates measurements in rectangular tanks (= linear tanks) and cylindrical tanks. Indication in % volume (Unitel) or % liquid level (Unitel for water).

Impact-resistant plastic housing for wall mounting.

With zero correction and integrated overpressure safety device.

Reference pointer for easy consumption monitoring.

Connection 6 mm outside diameter, universal, for pipe or hose for tight connection of the measuring line (example Pneumofix).



Technical specifications

Medium

- Fuel oil or diesel fuel (density = 0.84 g/cm^3) (Art. N° 72500K)
- Water (density = 1 g/cm^3) (Art. N° 72499)

Measuring range (tank height):

0/3.000 mm

Measuring accuracy:

$\pm 3\%$ of full scale value

Operating temperature range:

Ambient: $-5/+55^\circ\text{C}$

Scale (displayed values):

- Unitel: Dual scale 0/100 % volume Outer for rectangular tanks, inner for cylindrical tanks.
- Unitel for water: 0/100 % liquid level.

Housing:

Wall mounting housing made of impact-resistant plastic with integrated hand pump.

Dimensions:

145x135x65 mm

Options:

For measuring line extension, 10 m PE measuring line 4 x 1 mm with hose extension piece.