

Pneumatic level indicator Unitel



Benefits

- No power supply required
- Reference pointer for easy consumption monitoring
- Zero correction possible
- For remote measurements up to 50 m
- Watertight up to 10 m water column - ideal for use in flood hazard areas
- Green fuels ready: suitable for use at tank facilities filled with the new paraffinic fuels HVO or GTL
- Materials resistant to biofuel and biodiesel with max. 100 % FAME



Application

For level measurement in tanks containing fuel oil EL (DIN 51603-1), diesel fuel (EN 590), rainwater, liquid fuels as per DIN SPEC 51603-6 and DIN/TS 51603-8 as well as biofuel and biodiesel with up to 100 % FAME (EN 14214). This product is therefore ideal for all ecologically upgraded fuel oil consuming systems that use the new paraffinic fuels HVO or GTL as an admixture or 100 %. Also for use in flood hazard areas and flood risk areas.

For tank heights from 900 to 3,000 mm (depends on version).

Versions

	Part no.
Level indicator Unitel 3000	72500
Level indicator Unitel for water tanks	72511
PVC hose \varnothing 4 x 1 mm, 20 m mounting accessories included	20696
Hose connector GS4 4 x 4 mm Kst natur	43945

Blue part no. = in-stock items

Description

Universal, pneumatic level indicator with capsule movement. The tank height is fully adjustable. Measuring accuracy ± 3 % of full scale value. In the case of use with paraffinic fuels or mixtures, the measuring accuracy may be different due to the lower density. 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 for pipe or hose (6 mm outside diameter, universal) for tight mounting of the measuring line (e.g. Pneumofix). Watertight up to 10 m water column.

Technical specifications

Medium

Fuel oil EL (DIN 51603-1)

Diesel fuel (EN 590)

Liquid fuels as per DIN SPEC 51603-6 and DIN/TS 51603-8

Biofuel/biodiesel with up to 100 % FAME (EN 14214)

HVO/GTL with up to 100 %

Water

Measuring range (tank height)

Fuel oil: 0/3,000 mm

Water: 0/2,500 mm

Measuring accuracy

± 3 % vom Skalenendwert

Operating temperature range

Ambient: -5/+55 °C

Storage: -5/+55 °C

Scale (displayed values)

Unitel: Dual scale 0/100 % volume

Unitel: outer for rectangular tanks, inner for cylindrical tanks

Unitel for water tanks: 0/100 % liquid level

Housing

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

W x H x D: 145 x 135 x 65 mm

Weight: 0.4 kg

Scope of delivery

- Level indicator
- Connection kit and screws

Detail views

