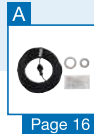


Pneumatic level indicator Unitel



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



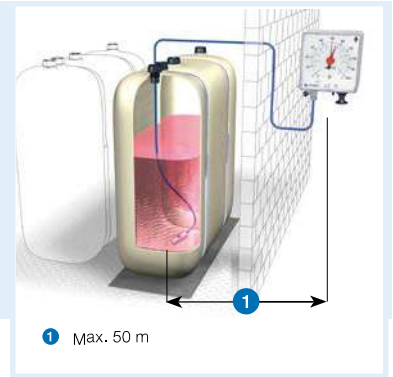
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Application For level measurement in tanks containing fuel oil EL (DIN 51603-1), diesel fuel (EN 590), rainwater, liquid fuels as per DIN SPEC 51603-6 and DIN/TS 51603-8 as well as biofuel and biodiesel with up to 100 % FAME (EN 14214). This product 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).

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 or diesel fuel (density = 0.84 g/cm^3) or water (density = 1 g/cm^3) for Unitel for water

Measuring range (tank height)

0/900 to 0/3,000 mm (part no. 72500, fuel oil)
0/900 to 0/2,500 mm (part no. 72511, water)

Measuring accuracy

± 3 % of full scale value

Operating temperature range

Ambient: $-5/+55$ °C

PVC hose (accessory)

For measuring line extension. (e.g. Pneumofix).
20 m PE measuring line 4 x 1 mm
with hose extension piece

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

Scope of delivery

Level indicator with connection kit and screws

i See chapter 10 for more products for rainwater harvesting.

DG: G, PG: 1			Part no.
Unitel for fuel oil tanks	1	-	72500
Unitel for water tanks	1	-	72511
Accessories			
PVC hose Ø 4 x 1 mm, 20 m	1	-	20696
Hose connector 4 x 4 mm	1	25	43945