

Pneumatic level indicator Unitop



Benefits

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



Application

For continuous level measurement in tanks containing fuel oil and diesel fuel. For tank heights from 900 to 3,000 mm. Suitable for use in flood hazard areas and for remote measurement up to 50 m.

Versions

	Part no.
Level indicator Unitop 3000	28000
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 ± 2 % 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. The basic version indicates % of volume so that it is independent of the tank shape. Impact-resistant plastic housing for wall mounting. With zero correction at the front side, reference pointer and date indication for easy consumption monitoring; with integrated pressure relief device. The mechanism carrier of extremely rugged plastic is separated from the housing for stable zero point and high measurement accuracy. Sturdy brass connector with pressure screw for pipe or hose (\varnothing 6 mm) for tight installation of the measuring line. A vent screw, integrated in the connector, allows you to check the zero setting of the pointer. 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 %

Measuring range (tank height)

0/900 to 0/3,000 mm

Measuring accuracy

± 2 % vom Skalenendwert

Operating temperature range

Ambient: -5/+55 °C

Storage: -5/+55 °C

Scale (displayed values)

Dual scale 0/100 % volume

outer for rectangular tanks, inner for cylindrical tanks

Housing

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

W x H x D: 155 x 166 x 73 mm

Weight: 0.6 kg

Scope of delivery

- Level indicator
- Connection kit and screws
- Litre scales for cylindrical tanks 3,000/5,000, 7,000/10,000, 16,000/20,000

Detail views

