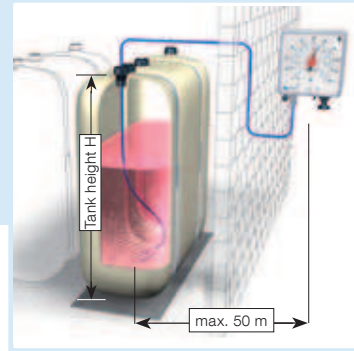


Pneumatic pneumatic level indicator Unitop

1



- No power supply required
- Consumption monitoring with date indication
- Zero correction possible
- Sturdy brass connector for safe and tight installation of the measuring line
- For remote measurements up to 50 m



Application For continuous level measurement in tanks containing fuel oil and diesel fuel. For tank heights from 700 to 4,000 mm (depends on version). Suitable for remote measurements up to 50 m.

Description Universal, pneumatic level indicator with capsule type movement. The tank height is fully adjustable. Measuring accuracy $\pm 2\%$ of full scale value. 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 overpressure 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 monitoring of the measuring line. A vent screw, integrated in the connector, allows you to check the zero setting of the pointer.

Technical specifications

Medium

Fuel oil or diesel fuel (density = 0.84 g/cm³)

Measuring range (tank height)

0/700 to 0/1,200 mm (part no. 28100)
0/900 to 0/3,000 mm (part no. 28000)
0/3,000 to 0/4,000 mm (part no. 28200)

Measuring accuracy

$\pm 2\%$ of full scale value

Operating temperature range

Medium: 0/35 °C
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

Scope of delivery

Level indicator with connection kit and screws
For Unitop 3000: Litre scales for cylindrical tanks 3,000/5,000, 7,000/10,000, 16,000/18,000

Additional litre scales

Additional litre scales for Unitop 3000, Unitop 1200 and Unitop 4000. Suitable for all cylindrical horizontal tanks.
When ordering, please specify the shape and capacity of tank.

Special scales

For tanks of any shape and dimensions, suitable for Unitop 1200, Unitop 3000 and Unitop 4000. Scales are individually calibrated to customer's specification.
When ordering, please enclose a drawing or a bearing chart of the tank or specify exact tank shape, dimensions and capacity.

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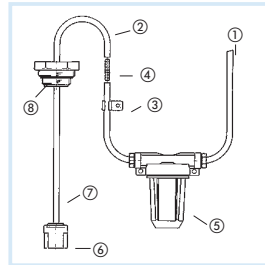
Unitop for AdBlue®
see page 13.

DG: G			Part no.	Price €
Unitop 1200	1	-	28100	
Unitop 3000	1	-	28000	
Unitop 4000	1	-	28200	
Additional litre scales	1	-	289..	
Special scales	1	-	28999	

Mounting accessories pneumatic level indicators

Pneumofix

Description Complete, universal mounting kit for pneumatic level indicators. Can be used for tanks of up to 3,000 mm in height or diameter. Consisting of screw fitting G1 and G1¼, reducer G1 x 1½ x 2. Standpipe in tank (3.1 m long) with balance chamber, condensate trap. Polyethylene measuring line 10 m. Hose clamps and steel nails, hose extension piece. If no connection socket is available at the tank, it is recommended to use Euroflex (see page 104).



- ① To level indicator
- ② Measuring line L = 10 m
- ③ Hose clamp
- ④ Hose extension piece
- ⑤ Condensate trap
- ⑥ Spacer / balancing chamber
- ⑦ Hose, inside diameter 4
- ⑧ Dual thread tank adaptor

Montagefix extension kit

Description For extending the measuring line of pneumatic level indicators. Consisting of:
10 m PE measuring line 4 x 1 mm with hose extension piece.

Condensate trap KG 2

Description For protection of pneumatic level indicators against condensate. Made of high-grade, impact-resistant plastic. The condensate trap can be easily unscrewed for emptying. Universal connections for hose or pipe with 6 mm outside diameter.

Reducers/adapters

Description Reducer 2 x 1½
Reducer G2 x G1½ made of grey plastic (ABS).

Reducer 1½ x 1
Reducer G1½ x G1 made of grey plastic (ABS).

Description Flange adaptor
Flange adaptor G2 x G1½ made of grey plastic (ABS).



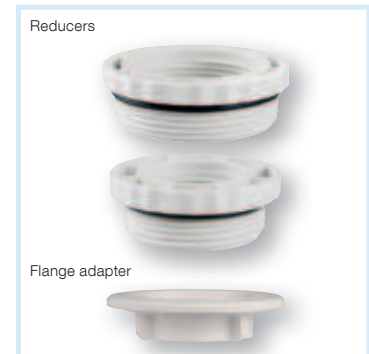
Pneumofix



Montagefix extension kit



Condensate trap KG 2



Reducers

Flange adaptor

DG: G			Part no.	Price €
Pneumofix	1	-	20153	
Montagefix extension kit	1	-	20132	
Measuring line 50 m	1	-	20158	
Hose connector	1	10	43945	
Condensate trap KG 2	5	-	20320	
Reducer 2 x 1½	10	-	20903	
Reducer 1½ x 1	10	-	20905	
Flange adaptor	1	-	20900	