

## Digital tank contents indicator DTA 10

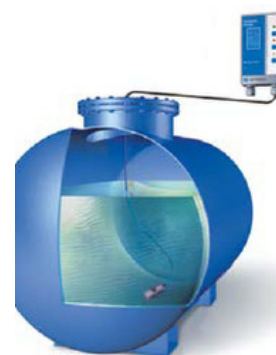
- Universal application in tanks of up to a height of 4 m.
- Density adjustable from 0.5 to 1.5 g/cm<sup>3</sup>, i.e. suitable for many media
- Backlit digital display
- Indication of measured values in litres, % and liquid level (cm)
- User interface language selectable (English, German or French)
- Location-independent battery operation – No external supply voltage required
- Push-to-Read function: Fast start with just a push of a button
- Remote measurements up to 15 m.

### Application

Location-independent level measurement with digital display and minimum level signal (reserve level alarm) with a single measurement. Suitable for tanks up to 400 cm liquid level. For fuel oil EL, L or diesel fuel, FAME 100 % as biodiesel (EN 14214) and water (no drinking water!). In addition, DTA 10 can be used for level measurement with all non-corrosive liquids with a density from 0.5 to 1.5 g/cm<sup>3</sup>. Remote measurements up to 15 m.

### Description

The electro-pneumatic tank contents indicator DTA 10 consists of a battery-operated control unit with digital display and a measuring line. Measured values are displayed in litres, % and liquid level (cm). Simple operation and setup via three function keys. Measurements are requested by means of pressing the control key (Push-to-Read function). If the level falls below a minimum level that is freely adjustable as a percentage, the backlight of the display flashes red to indicate an alarm during the measurement. Standard tank shapes (linear; spherical, cylindrical and horizontal) are stored. Measuring line connection for hose with 4 mm inside diameter.



Technical specifications	
Fluid:	For fuel oil EL, L or diesel fuel, FAME 100 % as biodiesel (EN 14214) and water (no drinking water)
Measuring range (tank height):	0÷3.500 mm water / 0÷4.000 mm fuel oil
Measuring accuracy:	± 1cm.
Operating temperature range:	Ambient: 0+50°C Storage: -20+65°C Medium: 0+50°C
Display:	Multi-coloured, backlit graphical display (30 x 50 mm). Blue = Operation / Red = Alarm / Green = Setup Indication of litres (5 digits), % or liquid level in cm.
Measuring line:	PVC hose 4 x 1 mm - Length 20 m. - Balance chamber stainless steel
Supply voltage:	9 V monobloc battery
Visual alarm:	Backlight flashes red
Degree of protection:	IP20 (EN 60529)
Housing:	Wall mounting housing made of impact-resistant plastic (ABS) W x H x D 100 x 188 x 65 mm
Scope of delivery:	DTA 10 + 9V. monobloc battery + 20 m. measuring line with balance chamber Connection kit for G½, G1, G1½, G2 25 x nail cable clips, 2 x hose clamps + Hose adapter + Mounting accessories

## Pneumofix type 2

**Description** Complete, universal mounting kit for pneumatic level indicators (Unitel, Unitop, DTA). Can be used for tanks of up to 4,000 mm in height or diameter. Consisting of screw fitting with dual thread G1½ and G1, reducer G1 x 1½ x 2. Standpipe in tank with balance chamber. PVC measuring line (4 x 1 mm), 20 m with 30 x nail cable clips, hose connector (4 x 4 mm) and mounting accessories. Suitable for use in flood hazard areas. Watertight up to 10 m water column. If no connection socket is available at an individual tank, it is recommended to use Euroflex (see page 163).



Pneumofix

## PVC hose Ø 4 x 1 mm

**Description** For extending the measuring line (Pneumofix) of pneumatic level indicators. Consisting of: 20 m PE measuring line 4 x 1 mm with hose extension piece. Suitable for use in flood hazard areas. Watertight up to 10 m water column.



PVC hose with mounting accessories

## 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. Suitable for use in flood hazard areas. Watertight up to 10 m water column.

Scope of delivery:  
KG 2, incl. mounting material (screws, screwed connections)



Condensate trap KG 2

## 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 adapter for battery tanks**  
Flange adapter G1 made of black plastic (ABS).

**Description Mounting kit for battery tanks**  
For mounting of Unitel, Unitop or DTA if all process connections at the tank are used.



Reducers

Flange adapter

Mounting kit

PG: 1	DG			Part no.
<b>Pneumofix type 2</b>	G	1	-	<b>20142</b>
<b>PVC hose Ø 4 x 1 mm, 20 m, with mounting accessories</b>	G	1	-	<b>20696</b>
<b>Hose connector 4 x 4 mm</b>	G	1	25	<b>43945</b>
<b>Condensate trap KG 2</b>	G	1	5	<b>20320</b>
<b>Reducer 2 x 1½</b>	G	1	-	<b>20903</b>
<b>Reducer 1½ x 1</b>	G	1	-	<b>20905</b>
<b>Flange adapter G1½ female</b>	G	1	10	<b>20900</b>
<b>Mounting kit for battery tanks</b>	M	1	-	<b>52154</b>