

Digital tank contents indicator DTA 10

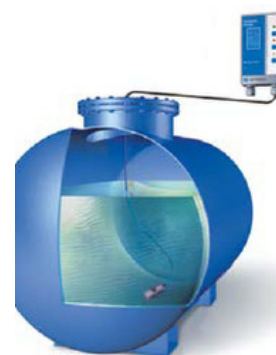
- Universal application in tanks of up to a height of 4 m.
- Density adjustable from 0.5 to 1.5 g/cm³, i.e. suitable for many media
- Backlit digital display
- Indication of measured values in litres, % and liquid level (cm)
- User interface language selectable (English, German or French)
- Location-independent 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/cm³. 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