



Digital tank contents indicator DTA 10



Benefits

- For fuel oil EL, L, diesel fuel, biodiesel, HVO, GTL, water and other media with a density from 0.5 to 1.5 g/cm³
- Universal application in tanks of a height of up to 4 m
- Push-to-Read function: Fast start with just a push of a button
- Backlit digital display
- Measured values are displayed in litres, % and liquid level (cm)
- User interface language selectable (English, German or French)
- Location-independent battery operation - no external supply voltage required
- Remote measurements up to 15 m
- Materials resistant to biofuel and biodiesel with max. 100 % FAME
- Green fuels ready: suitable for use at tank facilities filed with the new paraffinic fuels HVO or GTL



Application

Location-independent level measurement with digital display and minimum level signal (reserve level alarm) with a single measurement. For tanks with fuel oil EL, L (DIN 51603-1), diesel fuel (EN 590), water (no drinking water!), AdBlue®, 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 %. For maximum accuracy of the displayed measured value, determine the density of the medium and set it at the DTA when using these fuels. 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. Suitable for tanks up to 400 cm liquid level. Remote measurements (measuring line) up to 15 m.

Versions

| | Part no. |
|---|----------|
| Tank contents indicators DTA 10 with Pneumofix 2 mounting kit | 52145 |
| Tank contents indicators DTA 10 | 52155 |

Blue part no. = in-stock items

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 and cylindrical, horizontal) are stored. Measuring line connection for hose with 4 mm inside diameter.



Technical specifications

Functions

Push-to-Read level measurement

Measuring range (tank height)

Fuel oil: 0/400 cm

Water: 0/350 cm

Measuring accuracy

± 3 cm

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),

White = 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

Bottom part: Stainless steel

Supply voltage

9 V monobloc battery

Minimum alarm

Backlight flashes red during measurement process

Housing

Wall mounting housing made of impact-resistant plastic

(PC/ABS)

W x H x D: 100 x 188 x 65 mm

Degree of protection: IP 20 (EN 60529)

Scope of delivery

- Control unit with battery
- Pneumofix type 2: 20 m measuring line with bottom part, connection kit for G½, G1, G1½ and G2, 30 x nail cable clips, hose connectors (4 x 4 mm), mounting accessories