

Digital tank contents indicator DTA 10



Benefits

- For fuel oil EL, L, diesel fuel, biodiesel, 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

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.

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, spherical, cylindrical and 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-colour, backlit graphical display,

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

1 x 9 V monobloc battery

Visual alarm

Backlight flashes red during measurement process

Housing

Wall mounting housing made of impact-resistant plastic (ABS)

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

Degree of protection: IP20 (EN 60529)

Scope of delivery

- Pneumofix 2: 20 m measuring line with bottom part, connection kit for G½, G1, G1½ and G2, 25 x nail cable clips, hose adapter (4 mm), mounting accessories