

# Digital tank contents indicator DIT 01 for fuel oil and diesel fuel



1



- Universal application in tanks of up to 3 m in height or diameter
- Fast and safe mounting with complete mounting accessories
- No external supply voltage required.
- Push-to-read function for extremely long battery service life



**Application** Suitable for continuous level measurement in tanks containing fuel oil EL, L or diesel fuel and FAME 100 % as biodiesel (EN 14214). Specially suitable for underground tanks and basement tanks. For filling levels from 900 mm to 3,000 mm.

**Description** The hydrostatic level indicator consists of a control unit with digital display and a submersible probe with integrated pressure measuring cell. The version DIT-E also contains the combination fitting Euroflex 3. High measuring accuracy due to electronic sensor (pressure measuring cell). Simple operation due to device setup via menus. No bearing charts required since all standard tank shapes are stored. Connection cable of the display unit can be extended by up to 10 m.

## Technical specifications

### Functions

Push-to-read, selection of units, calculation of total volume

### Measuring range

0/300 mbar

### Measuring accuracy

±1.5 % FS

### Operating temperature range

Medium: 0/60 °C  
Ambient: 0/45 °C  
Storage: -5/+80 °C

### Display

4-digit, 12 mm high LCD 7-segment display with additional symbols

### Displayed values

Litres, m<sup>3</sup>, %, liquid level in mm

### Submersible probe

Housing: Stainless steel 303  
Cable: PVC, 5 m with breather tube  
Diaphragm: Ceramics  
Seals: FKM (Viton)  
Spacer: POM, PE

### Supply voltage

1 x lithium battery 3.6 V (included)  
Service life approx. 5 years

### Housing

PA6, glass-loaded, blue, Ø 75 mm, wall mounting, degree of protection IP 51 (EN 60529)

## Scope of delivery

### DIT 01

- Control unit with digital display
- 5 m connection cable to probe (can be extended by up to 10 m)
- Moisture-proof junction box
- Submersible probe with 5 m submersible cable
- Screw connector kit G1 x G1½ x G2
- Mounting kit for withdrawal flange (PG 9 gland)
- Wall mounting

### DIT 01-E

- Control unit with digital display
- 5 m connection cable to probe
- Moisture-proof junction box
- Submersible probe with 5 m submersible cable
- Combination fitting Euroflex 3 (suction and return pipe 3.10 m with integrated submersible probe, connection thread G1, pipe connections 2 x Ø 8 mm and Ø 10 mm each)
- Wall mounting

DG: H	Part no.	Price €
<b>DIT 01</b>	<b>52122</b>	
<b>DIT 01-E</b>	<b>52123</b>	
<b>Spare submersible probe</b>	<b>52131</b>	
<b>Spare battery</b>	<b>68309</b>	