



# Digital tank contents indicator DIT 10



### Benefits

- For fuel oil EL, L, diesel fuel, biodiesel and water
- Universal application in tanks of up to 4 m in height or diameter
- No external supply voltage required
- Push-to-read function for extremely long battery service life
- Materials resistant to biofuel and biodiesel with max. 100 % FAME
- Watertight up to 10 m water column - ideal for use in flood hazard areas

### 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, also in flood hazard areas. For filling levels from 900 mm to 4,000 mm.

### Versions

	Part no.
Tank contents indicators DIT 10	52150

Blue part no. = in-stock items

### Description

The hydrostatic level indicator consists of a control unit with digital display and a submersible probe with integrated pressure measuring cell. High measuring accuracy due to electronic sensor (pressure measuring cell). Two additional relay contacts are available for external alarm devices, for level control or for connection to telecommunication or building control systems. No bearing charts required since all standard tank shapes are stored. Watertight up to 10 m water column.



## Technical specifications

### Functions

Push-To-Read,  
Units switching,  
Calculation of total volume

### Measuring range

0/400 mbar

### Measuring accuracy

± 1.5 % FSO

### Operating temperature range

Medium: -5/+70 °C  
Ambient: 0/45 °C  
Storage: -5/+70 °C

### Display

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

### Indication of measured values

Litres, m³, %, liquid level in mm

### Probe

64.5 x 24 mm

Housing: Stainless steel 304  
Cable: PVC  
Cable: 6 m with atmospheric reference hose  
Diaphragm: Stainless steel 316 L  
Seals: FKM (Viton)  
Spacer: POM, PE  
Degree of protection: IP 68 (EN 60529)

### Supply voltage

1 x 3.6 V lithium battery

Service life: Approx. 5 Jahre

### Housing

PA6, glass-loaded,  
blue, with wall mounting

75 x 50 mm

Weight: 380 g

Degree of protection: IP 51 (EN 60529)

### Scope of delivery

- Control unit with digital display
- 3.6 V lithium battery
- 5 m connection cable to probe (can be extended by up to 10 m)
- Moisture-proof junction box (IP 54)
- Submersible probe with 6 m submersible cable
- Screw connector kit G1 x G1½ x G2
- Mounting kit for withdrawal flange (PG 9 gland)
- Wall mounting