

Digital tank contents indicator DIT 10



- 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



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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.

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). Simple operation due to device setup via menus. No bearing charts required since all standard tank shapes are stored. Watertight up to 10 m water column.

Technical specifications

Functions

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

Measuring range

0/400 mbar

Measuring accuracy

±1.5 % FS

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

Displayed values

Litres, m³, %, liquid level in mm

Submersible probe

Housing: Stainless steel 304 (1.4301)

Cable: PVC, 6 m with breather tube

Diaphragm: Stainless steel 316 L (1.4435)

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

Control unit: IP 51 (EN 60529)

Submersible probe: IP 68 (EN 60529)

Scope of delivery

- Control unit with digital display
- 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

DG: H, PG: 4	Part no.	Price €
DIT 10	52150	
Spare submersible probe (0/400 mbar)	52153	
Spare battery	68309	