

Hydrostatic level indicator TankControl 01 ZT for fuel oil and diesel



01

Application

Continuous reading level indicator with graphic display of consumption rate (history), forward fuel coverage (projection) as well as minimum fuel level alarm (reserve). Suitable for tanks from 900 to max. 3,000 mm liquid height. For light fuel oil EL, L or diesel. Remote indication up to 15 m. For use in housing and building technology and especially designed for indication of liquid level differences in interconnected tanks (e.g. battery tanks).

Description

Similar to the TankControl 01 unit, but with additional submersible probe for differential alarm indication. The indication relating to submersible probe 1 can be read in either Litres, cbm, % or liquid level height (mm). When a fully adjustable minimum or maximum level is reached, audible and visual alarms are initiated by the display unit and the audible alarm can be muted. The indication for submersible probe 2 is in mm. When a pre-adjusted liquid level difference between probe 1 and probe 2 is exceeded, an alarm is initiated.

Technical specifications

Functional features

Selection facility for different measurement units, daily memorization of liquid levels, consumption control, graphic display of consumption values (up to 5 years), forward fuel coverage, alarm functions (Min./Max./Difference), sensor fault or short circuit indication.

Measuring range

0/300 mbar

Accuracy

±1.5 % FSD

Operating temperature range

Medium: 0 °C/+60 °C

Ambient: 0 °C/+45 °C

Storage: -5 °C/+80 °C

Display

Graphic display (30 x 50 mm), back lit with high resolution. Choice of display units in Litres (6-digit), cbm, % and liquid level height in mm.

Visual symbols for alarm information.

Submersible probe

Housing stainless steel 1.4305

Cable PVC, 5 m with breather tube

Diaphragm stainless steel 1.4435

Seals FKM

Spacer POM, PE

Supply voltage

AC 230 V

Lithium battery for data memory (calendar function)

Relay output

Relay contacts: 2 x voltage-free changeover

Contact rating: 2 A

Visual Alarm

Red LED

Audible alarm

Integrated piezo buzzer and mute facility

Housing

Wall mounting housing
impact resistant plastic (ABS)
W x H x D: 100 x 188 x 65 mm

Protection

IP 54 (EN 60529)

Scope of delivery

- Digital display unit with graphics and 2 x 15 m connecting cable (cannot be extended)
- 2x submersible probes each with 5 m probe cable
- 2x weatherproof junction boxes
- 2x tank adaptors G1 x G1 1/2 x G2
- 2x mounting kit for withdrawal flange on plastic battery type tanks

Optional

- Pre-programming according to special tank dip chart

DG: H	Part no.	Price €
TankControl 01 ZT	52135	
Spare probe	52131	
Additional cost		
Special dip chart programming		