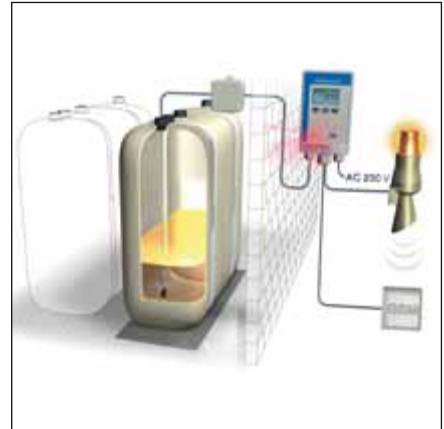


Hydrostatic level Indicator TankControl 01 for fuel oil and diesel



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. Especially designed for housing and building technology.

Description

The hydrostatic level indication instrument consists of a display instrument with numeric and graphic display and a submersible probe with integrated pressure transducer. Choice of indication in Litres, cbm, % or liquid level height in 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. Two additional relay contacts are provided for the operation of further alarms or for connection to telecommunication or building management systems. The integrated microprocessor memorizes measured data and enables the user to call up important information such as heating oil consumption and forward fuel coverage (based on past consumption rate). Simple operation with menu-guided instrument settings. Electronic measurement ensures high indication accuracy. Standard tank sizes are memorized and can be accessed.

Tank tables for special tank sizes can be pre-programmed (optional).

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.), 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 and with high resolution. Choice of display units in Liters (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 185 x 65 mm

Protection

IP 54 (EN 60529)

Scope of delivery

- Digital display unit with graphics and 15 m connecting cable (cannot be extended)
- Submersible probe with 5 m probe cable
- Weatherproof junction box
- Tank adaptor G1 x G1 1/2 x G2
- 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	52132	
Spare probe	52131	
Additional cost		
Special dip chart programming		