



Level switches

benefits

- for fuel oil EL, L, M, oil/water mixtures and many other media
- with visual/audible alarms, Acknowledge button and 1 relay
- Wall mounting housing for fast, professional mounting
- alarm points adjustable by means of height-adjustable probe
- early reserve alarm for reordering on time
- Function test with test button "Test" possible at any time
- EnOcean®-ready: Can be smart-home-enabled for AFRISOhome (can be retrofitted)

Application

Designed to signal minimum or maximum levels of water, heating oil EL, L, M, oil/water mixtures and neutral, non-viscous and non-adhesive liquids in tanks. System owners are alerted when the supply runs low or if there is a hazard of overfilling.

Description

Minimelder/Maximelder consist of a control unit and a height-adjustable float probe. The Minimelder probe is mounted in the bottom area of the tank and generates an alarm signal when the liquid level falls and the probe is no longer submerged in the liquid. The Maximelder probe is mounted in the top area of the tank and generates an alarm when the liquid reaches the probe. The liquid levels are adjustable. When these levels are reached, the units generate visual and audible alarms. The integrated relay can be used for transmission of the signal to external alarm equipment or for connection to telecommunication or building control systems.

Alarm units with the EnOcean-ready label can be integrated into your existing building automation systems at a later point in time. To do so, plug the EnOcean® wireless module TCM 320 into the EnOcean® interface (PCB of the device). The AFRISO gateway in conjunction with additional AFRISO products with EnOcean® wireless technology allow you to configure a whole range of fully customisable, extensible features for the protection of plants and buildings.

Technical Specifications

Operating temperature range

Medium: -5/+55 °C

Ambient: -5/+55 °C

Process connection

Screw fitting G1

plastic, with cable gland for height adjustment

Probe

magnetic float switch
 L x ø: 85 x 25.2 mm
 Float: Plastic (PA/PP)
 cable: oil-resistant cable Ölflex 2 x 0.5 mm²
 cable: 5 m
 Probe weight: Stainless steel 303
 Degree of protection: IP 68 (EN 60529)
 Probe voltage: max. AC 17 V

Connection probe – control unit

Length: 5 m, optionally up to 50 m

Supply voltage

AC 230 V

Nominal power

5 VA

Switching output

Relay contact: 1 x voltage-free changeover contact
 Contact rating: max. AC 250 V, 2 A

visual indication

LED green: Operation
 LED red: Alarm

audible alarm

integrated piezo-buzzer, can be acknowledged
 min. 70 dB(A)

Function test

by means of test button

Housing

Wall mounting housing made of impact-resistant plastic (PC/ABS)
 W x H x D: 100 x 188 x 65 mm
 Weight: 0.4 kg
 Degree of protection: IP 30 (EN 60529)

Versions

Part no.

Level switches
 Minimelder-R



16701

-  in-stock items
-  Non-stock items