Level switches Minimelder-R and Maximelder-R

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

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.

Versions

	Part no.
Level switches Minimelder-R	16701
Level switches Maximelder-R	16702
Probe for Minimelder	16703
Probe for Minimelder Cable length 50 m	16719
Probe for Maximelder	16704
Mounting frame	43521
Sealing kit IP 54	43416
EnOcean® wireless module TCM 320	78082

Blue part no. = in-stock items

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 ⌀: 85 x 25.2 mm
Float: Plastic (PA/PP)
Cable: Oil-resistant cable Ölflex 2 x 0.5 mm²
Cable: 5 m
Probe weight: Brass
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)