

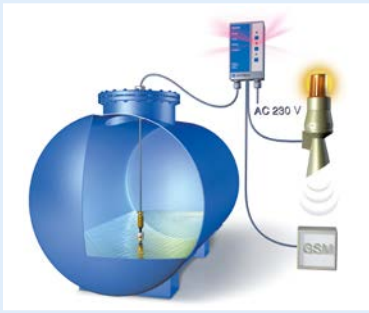
Level switches

Minimelder-R and Maximelder-R

1



- 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
- 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.

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. 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/+50 °C
Ambient: -5/+55 °C

Process connection

Plastic screw fitting G1, with cable gland for height adjustment

Probe

Magnetic float switch
L x Ø: 85 x 25.2 mm
Float: Plastic (PA/PP)
Cable: 5 m oil-resistant cable 2 x 0.5 mm²
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 (control unit)

AC 230 V

Power input

5 VA

Switching output

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

Visual indication

1 green LED (operation)
1 red LED alarm

Audible alarm

Integrated piezo buzzer, can be acknowledged

Function test

By means of Test button

Housing

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

DG: G, PG: 4			Part no.	Price €
Minimelder-R	1	-	16701	
Maximelder-R	1	-	16702	
Spare probe for Minimelder	1	-	16703	
Spare probe for Minimelder, 50 m	1	-	16719	
Spare probe for Maximelder	1	-	16704	
Accessories (DG: G, PG: 1)				
Mounting frame	1	-	43521	
Sealing kit (IP 54)	1	-	43416	
EnOcean® wireless module TCM 320	1	-	78082	