

Level switches Minimelder, Minimelder-R and Maximelder-R

1



- For fuel oil EL, L, M, oil/water mixtures and many other media.
- With visual/audible alarms and Acknowledge button
- Wall mounting housing for fast, professional mounting



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.

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.

Minimelder: Generates an alarm signal when the level falls below the minimum level. System owners are alerted when the supply runs low.

Minimelder-R: Like Minimelder, but with a relay (normally open contact) for transmission of the signal to external alarm equipment or for connection to telecommunication or building control systems.

Maximelder-R: Generates an alarm when the level exceeds the adjusted maximum liquid level; in all other respects identical to Minimelder-R.

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

Minimelder-R and Maximelder-R:
Relay contact: 1 voltage-free normally open 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 40 (EN 60529)

DG: G			Part no.	Price €
Minimelder	1	-	16700	
Minimelder-R	1	-	16701	
Maximelder-R	1	-	16702	
Spare probe for Minimelder	1	-	16703	
Spare probe for Maximelder	1	-	16704	
Accessories				
Mounting frame	1	-	43521	
Sealing kit (IP 54)	1	-	43416	