

LED Water Level Display to 40 bar

Operating principle

After pressing the button, the water level of the container is displayed in cm water column for about 10 s.

By means of the interface, an alarm can be triggered via limit switch.

Limit switch signal time delays of up to 255 s can be set for online measurements.

Construction

Lacquered aluminium housing, protection class IP 65.
Stainless steel pressure transmitter, protection class IP 68.

Measuring range

Up to 10 m water column differentials.
5 digit LED display, height of digits 14 mm
Accuracy +/- 2.5 cm water column

Supply

Internal 9 V block-batteries or external 8 to 28 V-supply.

Temperature range

Compensated 0 to 50 °C temperature range.

Accessories

- ① Interface cable for alarm triggering / external supply
- | | | | |
|----|----------------------|-----------------|-------|
| 1: | S1 Relay contacts | Alarm Max. | red |
| 2: | S1 Relay contacts | Alarm Max. | green |
| 3: | S2 Relay contacts | Alarm Min. | pink |
| 4: | + VCC (8 ... 28 VDC) | External supply | brown |
| 5: | RS 485 A | | |
| 6: | S2 Relay contacts | Alarm Min. | white |
| 7: | RS 485 B | | |
| 8: | - GND | External supply | weiss |

- Cable diameter 5.5mm / 8x0.14mmq

- ② Cable for analogue signal 5-pole

PIN 1 = GND
PIN 2 = + OUT (4... 20mA)
PIN 3, 4, 5 = no assignment

- For analogue signal 4 - 20mA external power supply via connection (1) 8 ... 28 VDC required.

- Cable diameter 4.05mm / 2x0.14mmq

