

technical data - SONOCONTROL 11

- ▶ **Principle:** Without conversion one can use the controller with four different data acquisition methods:
- Pulse-echo method using lateral docking
 - Pulse echo method from the container's bottom through its wall using an ultrasonic sensor
 - Coming-through method employing two ultrasonic sensors
 - Wet/dry signal in pipes with angular sensors
- ▶ **Docking of the sensor:** From the outside of the container or from the inside
- ▶ **Cable length to the transmitter:** Standard: 10 m, longer cables on request
- ▶ **Container/pipe material:** Steel, stainless steel, enamelled steel, other metals, glass, plastics
- ▶ **Adjustments:** Every parameter can be set with keyboard and the integrated display
- ▶ **Signal processing:** Integration, delay, inverter function
- ▶ **Frequency of the measuring sequence:** Approx. 20 Hz
- ▶ **Output signal:** Relay-contact (closer), max. 50 V / 500 mA
- ▶ **Control display:** Power, Signal, Relays
- ▶ **Power supply:** DC 18 ... 30 V / max. 100 mA. Rippling approx. 10 %. Approx. 0,5 s response time after reinsertion of operating voltage. Protection against polarity reversal.
- ▶ **Dimensions / weight:** Aluminium casing: (W x L x H): 160 x 120 x 80 mm, 950 g
- ▶ **Electrical connections:** Connecting terminals in the casing
- ▶ **Security level:** IP65

- ▶ **Temperature range:** Measuring transducer: -20 ... +60°C
Sensors: -20 ... +135°C
- ▶ **Approvals:** Optional: SONOCONTROL 11 in special casing
licensed for Ex-zone 1
- ▶ **Equipment:** Fixings, cables, coupling gel