

technical data - SONOMETER 30

- ▶ **principle:** Ultrasonic-impulse-echo-principle from the bottom through the tank wall with an ultrasonic probe
- ▶ **transducer:** Single channel or two channel
- ▶ **coupling of the probe:** From the outside at the tank or at the ascending pipe
- ▶ **cable length:** Up to 300 m
- ▶ **tank material:** Steel, special steel, enamelled steel, other metals, glass, plastics
- ▶ **settings:** All parameters will be set via buttons and an integrated display or via a serial interface respectively
- ▶ **dissolution:** 1 % of measuring range, maximum 1 mm
- ▶ **output signals:** limit value 1, limit value 2, alarm, relay switching contacts (change over), max. 240 V / 5 A
- ▶ **interface:** Serial RS 485 interface
- ▶ **power supply:** 19 ... 30 V AC/DC, 500 mA, ca. 30 s starting time after connecting the voltage supply
- ▶ **current output:** 0/4 ... 20 mA, invertible, potential-free, zoom function
- ▶ **connections:** Pluggable screw terminals
- ▶ **operating temperature:** Transducer: -20 ... +70 °C
Probes: -20 ... +135 °C
- ▶ **dimensions:** Transducer: plastics, 100 mm x 120 mm x 80 mm, IP 20
Probes: aluminium, 103 mm x 75 mm x 92 mm, IP 65
- ▶ **mounting:** DIN rail 35 mm
- ▶ **regulations:** With a special housing the SONOMETER 30 can also be used in hazardous areas
- ▶ **accessories:** fastenings, sensor cable, couple medium