Extremely small and robust logger for pressure monitoring and pressure surge recording

Special features

- Pressure surge recording using very short measurement intervals

- Virtually indestructible housing with protection class IP 68

- Fits in every shaft due to extremely compact design

- Long operating time and very large data storage

- Optional data transmission by means of GSM Transmitter 3

Description

The Sebalog P-3-Mini is the ideal device for monitoring pressure in water supply networks. When registering a rapid rise in pressure, the measurement interval of the logger is automatically reduced to 10 Hz, enabling the exact course of a pressure surge to be precisely analysed later.

The extremely robust housing of the Sebalog P-3-Mini makes it particularly suitable for continuous use in the field. Furthermore, the compact design of the pressure logger constitutes a great advantage in shafts with limited mounting space. With the Sebalog P-3-Mini it is possible to get a wireless readout without opening a shaft lid and to remotely download data with ease in combination with the GSM Transmitter 3.

The Sebalog P-3-Mini has numerous setting options and its huge storage capacity also allows it to carry out measurements at short intervals over extended periods of time.

Technical data

Measuring range	0 … 25 bar
Max. errors	<1%
Theoretical resolution	0.03%, (~0.008 bar)
Recording interval standard measurement: Pressure surge measurement:	adjustable from 1 s to 24 h 0.1 s or 1 s adjustable
Data transfer	via short range radio (868 MHz)
Display	Status LED
Memory capacity	4 MB (corresponds to >1 million measured values)
Power supply	Internal lithium battery
Battery life	approx. 5 years or 10 million measured values (depending on use)
Operating temperature	-20 °C to +70 °C
Storage temperature	-20 °C to +70 °C
Dimensions (W x H)	120 x 63 mm Ø
Weight	approx. 365 g
Protection class	IP 68

Scope of delivery

- Pressure logger LOG P-3-Mini
- Hydraulic hose 0.53 m (quick coupling to quick coupling)
- Magnet for switching on the logger
- Operating software CSW DATAVIEW-3

Optional accessories

- Hydraulic hose 2.0 m (quick coupling to screw thread)
- LOG RI wireless interface
- LOG RI-PLUS wireless interface with increased transmitter and reception strength
- External GPS receiver LOG GPS
- GSM Transmitter 3 for remote data transmission

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