



The data logger Hydrolog is used for self-supporting logging of water levels in selectable intervals.

The data logger Hydrolog type SoLo is very well suited for measuring water levels in open gauges. It has an integrated electric pressure sensor and is suspended at the cable, that the data logger with sensor is under the water level. At the top of the gauge is only a plug to read out the recorded data. The data are read out via an interface cable by means of a notebook.

Our delivery includes a simple read-out program for the operating systems DOS and Windows. The data are saved in ASCII form and can thus be transformed with each standard software (f. e. Excel).

The Hydrolog type SoLo is equipped with lithium batteries which have a useful life of more than five years in case of every hour measurements. This long useful life of the batteries enables a considerably reduced effort for maintenance.

Sketch: Typical application

- | | |
|---------------------|----------------------|
| 1 Gauge tube cap | 2 Plug |
| 3 Suspending device | 4 Measuring cable |
| 5 Water level | 6 Hydrolog type SoLo |

**Technical Data**

Housing:	Special steel V4A, diameter 27 mm Length Sensor about 240 mm Data logger 196 mm
Power supply:	Lithium batteries
Service life:	about 5 years (in case of one sensor and every hour measurement)
Memory:	130.000 measuring values, corresponds to a capacity for about 2.5 years (in case of one sensor and every hour measurement). Even in case of a voltage loss the data do not get lost.
System accuracy:	typ. 0.25 % of measuring range at 1..5 mWs typ. 0.1 % of measuring range in case of higher pressure ranges
Available measuring ranges:	1.0 mWs; 1.6 mWs; 2.5 mWs; 4 mWs; 6 mWs; 10 mWs; 16 mWs, 25 mWs; 40 mWs; 60 mWs (others on demand)

Technical modifications reserved