

## HygroLog HL-1D

### Basic logger

The HL-1D is the smallest humidity logger available from Rotronic. It offers the most important logging functions and is fully compatible with HygroSoft software.

### FEATURES

- Accuracy:  $\pm 2.0\%rh$ ,  $\pm 0.3\text{ K}$
- Compact with very high level of IP protection
- High storage capacity: 32,000 lines
- Free evaluation and configuration HygroSoft software
- Very long battery life: up to 3 years
- Conforms to EN12830. Version V3.0 and later
- Programmable logging mode

Technical data	HL-1D
<b>General</b>	
Parameters	Humidity & temperature
Sensor type	HYGROMER® IN-1 / NTC
Accuracy at 23 °C $\pm 5\text{ K}$	$\pm 2.0\%rh$ , $\pm 0.3\text{ K}$
Range of application / Storage conditions	-30...70 °C / 0...100%rh
IP protection	IP67
Weight	85 g
Dimensions	90 x 60 x 23 mm
Logging interval	30 s...24 h
Battery	1 x CR2
Battery life	Up to 3 years (logging interval 1 h)
Battery charge indicator	Yes (HygroSoft software, display and LED indicator)
Storage capacity	32,000 lines (each line contain %rh & °C)
Function	MIN/MAX/AVG
Display	LCD
Resolution	0.1 %rh, 0.1 °C
Display refresh rate	5 s (standard) or same as logging interval
LED indicators	2 LEDs Right LED flashes green during data logging Left LED flashes red when limits exceeded or low battery state
Communication	USB-Mini port (cable optional)
Standards	EN12830 (V3.0 and later)

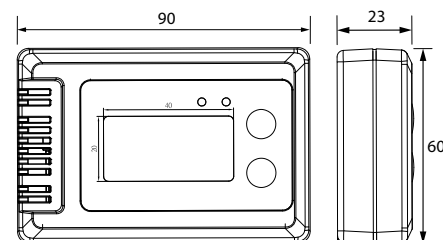


USB-Mini port (settings and data download)      Battery compartment

### Configuration & evaluation



The values stored in the HL-1D can be downloaded with the HygroSoft software and displayed graphically. The user determines the logging interval, the alarm limits, the recording mode and much more.



### Delivery package

- Battery, CR2
- Short instruction manual
- Function and calibration certificate

### Recommended accessories

- USB-Mini cable      AC0003