



HYGROLOG HL-1D - INEXPENSIVE DATA LOGGER

The HL1D is a compact, low cost data logger capable of $\pm 3.0\% \text{RH}$ and $\pm 0.3^\circ \text{C}$ accuracy. The internal memory can store up to 32,000 data points and includes the HW4-Lite software. HL-1D Data Logger fulfills the guidelines in accordance with EN 12830.

Specifications	Details
RANGE OF APPLICATION	$-30 \text{ } ^\circ \text{C}$ / $70 \text{ } ^\circ \text{C}$ / $0\% \text{RH}$ / $100\% \text{RH}$ / $300 \dots 1100 \text{ hPa}$
COMMUNICATION INTERFACES	Mini USB
IP PROTECTION RATING	IP67
ACCURACY AT $23 \pm 5 \text{ } ^\circ \text{C}$	$\pm 3.0\% \text{RH}$ / $\pm 0.3 \text{ } ^\circ \text{C}$
BATTERY INDICATOR	Yes
STORAGE CAPACITY	32,000 lines (TL-1D: 64,000 lines)
MEASUREMENT INTERVAL	30 s / 24 h
TEMPERATURE SENSOR	NTC
HUMIDITY SENSOR	ROTRONIC HYGROMER® IN-1
BATTERY LIFETIME	3 years (at a logging interval of 1 h)
POWER CONSUMPTION	1x CR2 battery