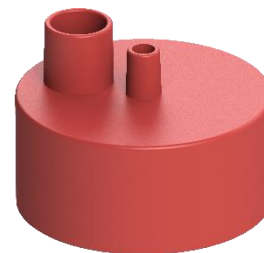


Product Description

The EasyLogger is a temperature (° C) and humidity measuring device (% RH), as well as a Long-term recording device of these measured values. The device is positioned on the screed surface. It can either be installed directly at the screed or glued into a hole later.

With the EasyLogger, the room climate can be directly on the floor during the screed drying screed surface are measured and the associated course is shown. Reading out the data is contactless via a radio link with a mobile phone.



Spezifikationen		
Typ	Aktiv Description	
Frequenz	2.4 GHz ISM-Band	
Radio Link	Bluetooth Low Energy 4.0	
Read out range	in a free environment built-in condition	Up to 8 m Up to 6 m
Rated output power	2.3 dBm / 1.7mW	
Tune-up tolerance	2.00 dB	
Dimensions	Ø32x24mm	
Weightt	15g	
Livespan*	Up to 5 years	
Storage space	Up to 100.000 records	
Meassurement interval	3 hours	
Operating temperature / temperature measuring range	0°C to 45°C	
	humidity measuring range	0% to 90% rel. H
Battery**	3V Lithium Mangandioxid Coin Cell (Panasonic CR-2354	
Storage-temperature (easylogger packaged)t	Dry and frost-free at room temperature (+ 17 ° C to + 23 ° C)	
Antenna	BLE chip antenna with balun (2.4GHz) Antenna: ANT3216LL00R2400A (Yageo) BALun: LFB182G45BG2D280 (Murata)	
Spezifikationen Sensors*		
Humidity	Accuracy Resolution Repeatability	Up to +/- 2% rF 0,01% rF Up to +/- 0,1% rF
Temperature	Accuracy Resolution Repeatability	Up to +/- 0,2°C bei +25°C 0,01°C Up to +/- 0,1°C

* depending on the measurement setup, usage and storage conditions

** The battery does not contain any dangerous voltage and / or energy level.

