

## LOG100 Data logger

For temperature and humidity recording

- Large display for actual measurements and Max-Min-Avg-measurements
- External temperature probe input
- Low battery indication
- Easy to use software
- Visual and acoustic Hi-Lo-Alarm
- Memory for 60.000 measurments at 3 parameters
- Adjustable logging interval from 1 second to 24 hours
- IP65 splash water protection (only Log100 for temperature)
- Easy to change battery
- High accuracy:  $\pm 0,5^{\circ}\text{C}$



### Application profile

The Log100 is perfectly designed for product transportation or storage applications.

- § Quality surveillance in laboratories during production in storage areas
- § Monitoring conditions in manufacturing facilities
- § Maintaining product storage according to HACCP
- § Ambient conditions in power plants
- § Monitoring of fridges for the pharmaceutical industry

### Technical data:

	Temperature logger 5005-0100	Temperature-humidity logger 5005-0110
<b>int. temperature</b>		
Range	-30..+70°C	-30..+70°C
Resolution	0,1°C	0,1°C
Accuracy	$\pm 0,5^{\circ}\text{C}$ 0..40°C	$\pm 0,5^{\circ}\text{C}$ 0..40°C
+1 digit	$\pm 0,7^{\circ}\text{C}$ (remaining range)	$\pm 0,7^{\circ}\text{C}$ (remaining range)
<b>ext. temperature</b>		
Range	-50..+125°C	-50..+125°C
Resolution	0,1°C	0,1°C
Accuracy	$\pm 0,5^{\circ}\text{C}$ 0..40°C	$\pm 0,5^{\circ}\text{C}$ 0..40°C
+1 digit	$\pm 1,0^{\circ}\text{C}$ (remaining range)	$\pm 1,0^{\circ}\text{C}$ (remaining range)
<b>int. relative humidity</b>		
Range	---	0..99%rH
Resolution	---	0,1%rH
Accuracy	---	$\pm 3\%$ rH
IP-protection	IP65	---
Working temperature	-10..+70°C	
<b>Memory size</b>	Appr. 60.000 measurments	
<b>Interface</b>	USB	
<b>Display</b>	7 Segment LCD	
<b>Housing</b>	plastic(ABS)	
<b>Dimensions</b>	92 x 55 x 21 mm	
<b>Weight</b>	95 g	
<b>Power supply</b>	1 x CR2032 3 V	