

Temperature and Humidity Data Logger



Features

- Measures and stores temperature & humidity readings
- Memory for 16000 temperature & 16000 humidity readings
- Selectable measuring cycle
- Status indication via red/ yellow & green LED
- USB interface for set up & data download
- User programmable alarm thresholds for temperature
- Analysis software included to view data on graph
- Multi-mode to start logging
- Long battery life with low battery indication
- Analysis software supports Windows 98/2000/XP/Vista/7

Specifications

		Min.	Typ.	Max.	Unit
Relative Humidity	Measurement Range	0	-	100	%RH
	Repeatability		±0.2		
	Accuracy*		±3		
	Response Time		5		Sec.
	Long Term Stability		1		%RH/yr
Temperature	Measurement Range	-40 (-40)		+70 (+158)	°C (°F)
	Repeatability		±0.2 (±0.4)		
	Accuracy		±1 (±2)	±2.5 (±5)	
	Response Time		20		Sec.
Dew Point	Accuracy* (25°C, 40-100% RH)		±0.2 (±0.4)		°C (°F)
Measuring Rate		Every 2s		Every 24h	
Operating Temperature Range		-40 (-40)		+70 (+158)	°C (°F)
3.6V Lithium Battery Life* (5 sec. Measuring Rate)			1		Year

*See below for accuracy graphs.

Figure 1 Relative Humidity Accuracy

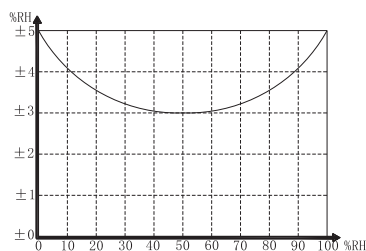


Figure 2 Temperature Accuracy

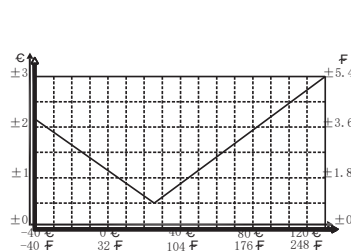
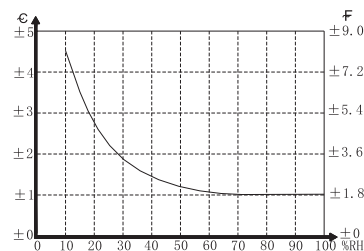


Figure 3 Dew Point Accuracy (at 25°C)



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Part Number Table

Description	Part Number
Temperature and Humidity Data Logger	TEN01067

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