

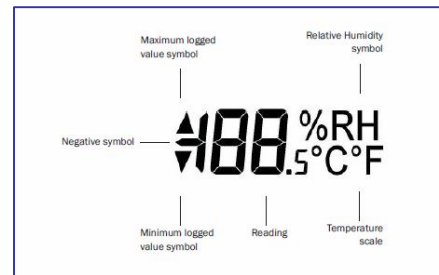
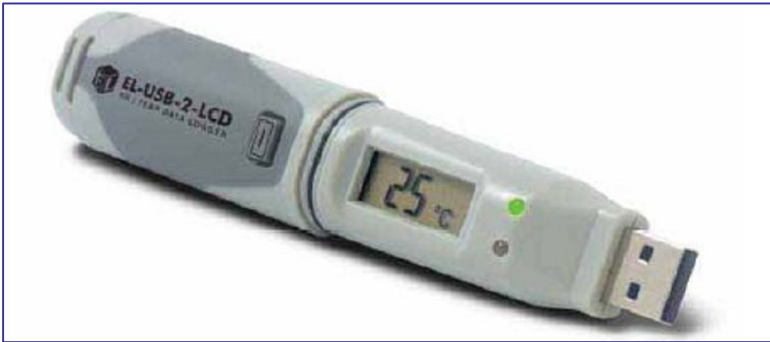


## Instrumentación Técnica Profesional

Información y contacto : Tf.: (34) 935 104 521 info@mfinstruments.com

### DATA LOGGERS

#### EL-USB-2-LCD Registrador de temperatura + Humd.relativa + punto rocío



Registrador de Temperatura, Humedad relativa y Punto de rocío con display

Rango: Humedad = 0 / 100% - Temperatura= - 35°C/ + 80° C

Punto de rocío indicado en el software – Datos descargables por puerto USB

16.379 valores memorizados. Indica estatus vía Leds rojo y verde

Configuración de alarma. Display de alto contraste

Protección: IP 67 - Pila no recargable de litio

#### DIMENSIONS

All dimensions in mm (inches)



Software gratuito con cada unidad. Corre con Windows 2000, XP y Vista.

Intervalo de valores a memorizar: desde 1 segundo a 12 horas. Configurable por usuario

RH% °C (°F)



10 seconds later

RH% °C (°F)



RH% °C (°F)  
Red/ Red/  
Green LED Green LED



**Green double flash**

The data logger is not currently logging, but is primed to start at a later date and time (delayed start).



**Green single flash**

The data logger is currently logging. No alarm on the channel.



**Red single flash**

The data logger is currently logging. Low alarm on the channel.



**Red double flash**

The data logger is currently logging. High alarm on the channel.



**Green triple flash**

The data logger is full and has stopped logging. No alarm on the channel.



**Red triple flash**

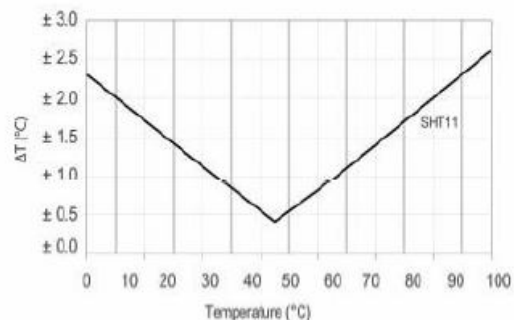
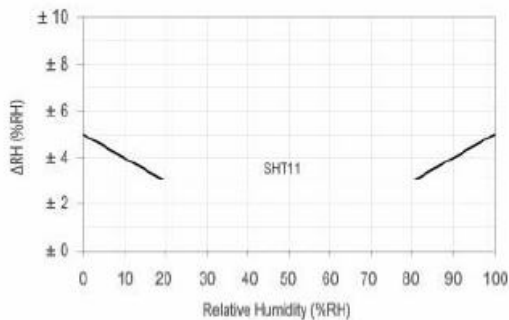
The data logger is full and has stopped logging. Alarm (high, low or both).



**No LEDs flash**

The data logger is stopped, the battery is empty or there is no battery fitted.

**MEASUREMENT ACCURACY**



Specifications		Minimum	Typical	Maximum	Unit
Relative Humidity	Measurement range	0		100	%RH
	Repeatability (short term)		±0.1		%RH
	Accuracy (overall error)		±3.0*	±6	%RH
	Internal resolution		0.5		%RH
	Long term stability		0.5		%RH/Yr
Temperature	Measurement range	-35 (-31)		+80 (+176)	°C (°F)
	Repeatability		±0.1 (±0.2)		°C (°F)
	Accuracy (overall error)		±0.5 (±1)	±2 (±4)	°C (°F)
	Internal resolution		0.5 (1)		°C (°F)
Dew Point	Accuracy (overall error)		±1.1 (±2)**		°C (°F)
Logging rate		every 10 s		every 12 hr	-
Operating temperature range***		-35 (-31)		+80 (+176)	°C (°F)
1/2AA 3.6V Lithium Battery Life			1†		Year

\* This specifies the overall error in the logged readings for relative humidity measurements between 20 and 80%RH.  
 \*\* This specifies the overall error in the calculated dew point for relative humidity measurements between 40 and 100%RH at 25°C.  
 \*\*\* At temperatures below -20°C (-4°F) the LCD will exhibit slower response times of approximately 10 seconds.  
 † Depending on sample rate, ambient temperature and use of LCD.