

*Temperature & Humidity
Display With Alarms*



Model 46203
Temp Tracker

The Temp Tracker is a versatile temperature and relative humidity indicator.

Measured values are displayed on the front panel in large illuminated digits: temperature is shown on the left, relative humidity or dewpoint is shown on the right. Maximum and minimum values are saved and can be viewed at any time.

The Temp Tracker includes the following useful features: fully-programmable alarms for both channels, calibrated voltage outputs for connection to recording devices, and RS-485 output for interfacing with serial devices. A front panel brightness control is also included.

Input for the Temp Tracker is supplied by **Model 41382LC2 Relative Humidity / Temperature Probe** which provides a convenient 4-20 mA current



loop signal for each channel. For best accuracy, the probe should be housed in a protective shield. **Model 41003P Multi-Plate Radiation Shield** combines excellent performance and moderate cost.

The Temp Tracker is supplied with an adjustable bracket for wall or bench mounting. With the bracket removed, the housing is sized to fit standard DIN panel configurations. The low profile design is easily installed on bulkheads or wall surfaces. DC power allows the Temp Tracker to be powered by external batteries or AC wall adapter (included).



Specifications

Range:

Temperature: -50.0 to 150.0°F, -50.0 to 50.0°C
Relative Humidity: 0 to 100%

Display Resolution:

Temperature: 0.1°C, 0.1°F
Relative Humidity: 1%
Dewpoint: 1°C, 1°F

Compatible Sensors:

Model 41382LC2 (T & RH)
Model 41342LC (T Only)

Voltage Outputs:

0-5 VDC Full Scale for T & RH

Alarm Relays:

Normally open contacts for T & RH
Contact rating 5A resistive,
2A inductive @ 24 VAC, 30 VDC

Remote Displays:

16 maximum

Power Requirement:

12 to 30 VDC, 4.5 W

Dimensions:

144 mm (5.65 in) x 144 mm (5.65 in) x 36 mm (1.4 in)

Panel Cutout:

138 mm (5.43 in) x 138 mm (5.43 in)

Weight:

(0.4 kg) 1 lb


Shipping Weight:

(1.4 kg) 3 lb

Ordering Information

MODEL

TEMP TRACKER- TEMPERATURE/HUMIDITY DISPLAY 110 V / 60 HZ	46203
TEMP TRACKER- TEMPERATURE/HUMIDITY DISPLAY 230 V / 50-60 HZ	46203H
GILL MULTI-PLATE RADIATION SHIELD	41003P
RELATIVE HUMIDITY/TEMPERATURE PROBE- 4-20 mA OUTPUT	41382LC2
TEMPERATURE PROBE- RTD OUTPUT- 4-20 mA OUTPUT (for temperature only)	41342LC
SENSOR CABLE- 2 PAIR SHIELDED, 22 AWG	18723
RACK MOUNTING PANEL- 19" RACK	06280

 Complies with applicable CE directives.
Specifications subject to change without notice.



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