Dickson

TH8P5

Phone: 1-800-757-3747 or 1-630-543-3747 | Fax: 1-630-543-0498 | Email: support@dicksondata.com | Website: DicksonData.com

8" (203mm) Temperature & Humidity Chart Recorder

Specifications

Alarm Type: Audio/Visual on High/Low Limits

Ambient Operating RH Conditions : 0-95% RH non-condensing

Ambient Operating Temperature Conditions: 32 to 120F (0 to 50C)

Approvals: CE

Battery Backup: Four AA Batteries. Powers unit for up to 3 Days.

Battery Life (Avg): 76 Hours (Back-up Only)

Calibration Options: N100, N300, N400

Channels: CH1: Temperature, CH2: Humidity

Chart Rotation Speed: 24 Hour, 7 Day or 31 Day

Dew Point Accuracy: +/-3.6F from 30 to 95% RH (Calculated) (+/-2C from 30 to 95% RH (Calculated))

Dew Point Range: 32 to 122F (0 to 50C)

Dimensions: 3.1 x 9.2 x 9.2in

Display Dimensions Height: 1.375

Display Dimensions Width: 2.0

Display Resolution: 0.1

Display Type: LCD

Enclosure: Rugged Black ABS Case, Polycarbonate Door, Aluminum Dial

Humidity Accuracy: +/-2% RH from 5 to 95%; +/-2% RH from 5 to 95%

Humidity Range: 0-95% RH non-condensing

Humidity Sensor Type: Field Replaceable

IP Rating: 20

Included Accessories: AC Adapter, Red and Blue Pen, Four AA Batteries, Quick Start Guide and Probe. *Charts sold separately.

Keypad Functions: Power On/Off, Pen Home, Alarm

Mounting Options: Free Standing or Wall Mount (With Keyhole)

Note on Relay Type: Relay does not function while unit is running on only battery power.

Power Cord: 6 ft

Power Source: 120 to 240 VAC, 12 VDC (INTL fittings available); AC Adapter

Power Status Indicator: LED Indicator

Relay Connection: Spade Lugs, Male 0.25. One Relay per Channel.

Relay Type: SPST, 24 VDC, 0.5 A, N/O

Remote Probe Dimensions : Field Replaceable Sensor houses thermistor and RH sensor in polycarbonate plastic 2.5" x .8" x .5"

Remote Sensor Length: 10 ft

Remote Sensor Type: Digital Temperature Sensor - Field Replaceable

Response Time: 5 Minutes to 63% of Full Scale

Temperature Accuracy: +/-0.8F from 32 to 120F (+/-0.44C from 0 to 50C)

Temperature Range: -20 to 120F (-20 to 50C); 0 to 185F; 40 to 110F (5 to 40C)

Temperature Sensor: Remote Probe - Field Replaceable

Unit Weight: 4.6 lbs

Units/Pkg: 1

Warranty: 12-Month Limited

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Calibrations

N100: 1-Point NIST Traceable Calibration
N300: 3-Point NIST Traceable Calibration
N400: 3-Point Ultima NIST A2LA Accredited Calibration

Accessories

R250 - Replaceable Sensor
Straight Temperature/Humidity Replaceable Sensor

A896 - Probe Extension Cable
10' Extension Probe for Straight Pre-Calibrated Sensor

D118 - Sensaphone Dialer
Remote Monitoring Unit - calls 4 numbers

R180 - Replacement AC Adapter
AC Adapter for TSB/TWE/TWP Loggers and the KT8/KT6 series.

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Accessories

A868 - Sensor Dust Filter
Sensor Dust Filter - prolong the life of your sensor.

R066 - Universal Plug Kit for Data Loggers
International Plug Kit for Data Loggers

A062 - AC Adapter Extension Cable
10' Power Extension for AC Adapter