



DSR-THEXT

Data Logger for Temperature and Humidity

Specifications

- Using external compact probe especially for HVAC application to measure and log temperature and humidity data inside pipes with minimal invasion
- Support screen and audible alarm
- Original fittings for sensor connection, ensures 100,000 plugs
- Suitable for HVAC, agriculture research, plants and animal growth monitoring and other applications

Specification

Measuring Data

T Measuring Range -40°C~85°C

T Accuracy $\pm 0.3^{\circ}\text{C}$ ($23^{\circ}\text{C} \pm 2^{\circ}\text{C}$), full scale $\pm 0.5^{\circ}\text{C}$

T Resolution 0.1°C / 0.2°F

RH Measuring Range $0\% \sim 100\% \text{RH}$

RH Accuracy	±3%RH(10%~85%RH) / other range ±5%RH(Testing Environment 23°C±2°C) / ±2%RH(High-precision version)
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RH Resolution	0.1%RH
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General

Memory Size	10,918[A] / 21,840[B] / 180,000[C] / 360,000[D]values
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Alarm	High level and low level, display+beep+backlight
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Sampling Interval	2s、5s、10s、30s、60s、255s
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Logging Interval	2seconds~24hours
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Start with Delay Time 1~120s

Start Mode	Start immediately / Time-lapse start / Timing start
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End Mode	Full / FIFO / Presetting units / Timing end
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Timing Start / End	Random start / End with format YYMMDD HHMMSS
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Storage Temperature -50°C~90°C

ESD Protection	±25KV
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Interface	RS232 / RS485[R] / USB[U] / LAN[L] / Wireless [W、B、Z、F、G]
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Battery	3.6V lithium battery ×1
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Battery Lifetime	Typical 1year (with a sample rate of 10 seconds),5 years (in sleep mode)
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RTC Battery	CR2032
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Clock Accuracy	<12 mins/year
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External voltage	5~24V DC
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Software	ANALYSIS
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IP Class	IP54
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Sensing Probe

Model	External sensor(TH both in one)
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Dimensions	Φ12×73mm
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Wire $\Phi 3.5 \times 3000\text{mm}$, low-temperature and corrosion resistant

General Feature

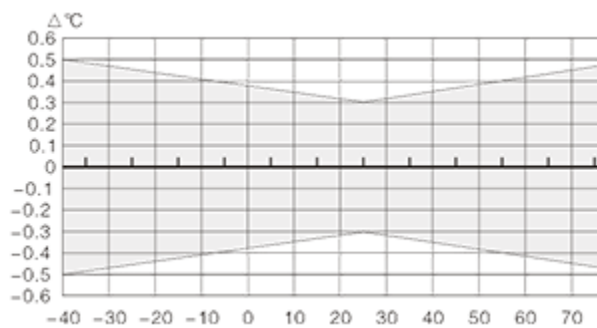
Dimensions 123×117.3×33.4mm

Display Area 66×42mm

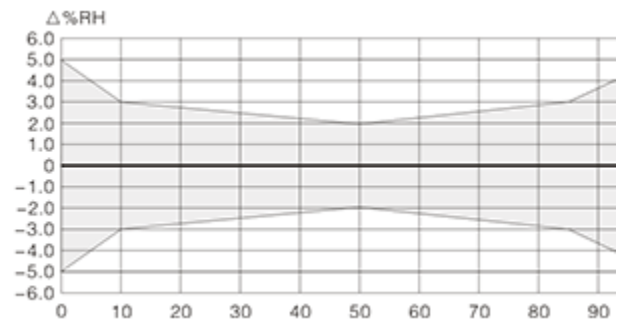
Housing ABS+PC, flame-retardant, toxicity and halogen free

Weight 355g

Temperature Accuracy



Humidity Accuracy



Dimensions (Unit : mm) :

