

FEATURES

- 4 input functions for temperature display
- Programmable High / Low alarm for 4 inputs
- Memory and read function (99 sets)
- Isolated Input Protection of 350 Vp-p between any two inputs

RS PRO 1384, 1361C Data Logger for Temperature Measurement

RS Stock No.: 123-2235



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

RS PRO 1384 is a great value digital 4-input Thermometer and Data Logger for working with any K, J, E, T, R, S, N, L, U, B and C-type thermocouple as the temperature sensor. Data loggers are portable electronic device that can measure and record the temperature of an environment. Temperature indication follows the international temperature scale of 1990 (ITS-90). The RS PRO 1384 features a 4 input function for T1 / T2 / T3 /T4 temperature display.

General Specifications

Measurement Parameters	Temperature
Sensor Type	B, C, E, J, K, L, N, R, S, T, U
Number of Input Channels	4
Interface Type	USB
Display Type	LCD
Alarm	Yes
Number of Readings Per Channel	99 (Set), 36000 (4 Input), 100000 (1 Input)
Includes	Battery, Carrying Case, Instruction Manual, Software CD, Type K Thermocouples, USB Cable
Applications	Environmental and weather monitoring, Agricultural and livestock, Food and drink, Building and site monitoring, HVAC

Electrical Specifications

Power Source	Battery
Battery Type	6 x AA
Battery Life	55 hours

Mechanical Specifications

Dimensions	18.7cm x 7.3cm x 5.3cm
Length	18.7cm
Width	7.3cm
Height	5.3cm
Weight	405g with batteries

Operation Environment Specifications

Operating Temperature Range	0°C to +50°C
Maximum Operating Temperature	0°C
Minimum Operating Temperature	50°C
Temperature Coefficient	0.01% of reading + 0.1°C per °C (0.2°F per °F) outside the specified +18°C to 28°C (+64°F to +82°F) range

Approvals

Compliance/Certifications	RoHS Certificate of Compliance
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Accessories Includes

Item Name	Qty
Instruction manual	1
Alkaline battery	6
Software cd	1
USB cable	1
Carrying case	1
K type thermocouple	1

0.1°C, 0.1°F Resolution, Accuracy is of reading

Type	°C		°F	
	Range	Accuracy	Range	Accuracy
K	-200 ~ -150	±3.0°C	-328 ~ -238	±5.4°F
	-150 ~ -100	±2.0°C	-238 ~ -148	±3.6°F
	-100 ~ 999.9	±0.05% ±1.0°C	-148 ~ 999.9	±0.05% ±1.8°F
	1000 ~ 1370	±0.2% ±1.0°C	1000 ~ 2498	±0.2% ±1.8°F
J	-200 ~ -100	±2.5°C	-328 ~ -148	±4.5°F
	-100 ~ 100	±1.5°C	-148 ~ 212	±2.7°F
	100 ~ 999.9	±0.05% ±1.0°C	212 ~ 999.9	±0.05% ±1.8°F
			1000 ~ 1832	±0.2% ±1°F
E	-150 ~ -100	±3.0°C	-238 ~ -148	±5.4°F
	-100 ~ 760	±0.05% ±1.0°C	-148 ~ 999.9	±0.05% ±1.8°F
			1000 ~ 1400	±0.2% ±1°F
T	-200 ~ -150	±3.0°C	-328 ~ -238	±5.4°F
	-150 ~ -100	±0.15% ±2.5°C	-238 ~ -148	±0.15% ±4.5°F
	-100 ~ 400	±0.1% ±1.0°C	-148 ~ 752	±0.1% ±1.8°F
R/S	0 ~ 100	±5.0°C	32 ~ 212	±9.0°F
	100 ~ 300	±3.0°C	212 ~ 572	±5.4°F
	300 ~ 999.9	±0.05% ±2.0°C	572 ~ 999.9	±0.05% ±3.6°F
	1000 ~ 1600	±0.25% ±2.0°C	1000 ~ 2912	±0.25% ±3.6°F
N	0 ~ 999.9	±0.1% ±1.0°C	32 ~ 999.9	±0.1% ±1.8°F
	1000 ~ 1300	±0.2% ±1.0°C	1000 ~ 2372	±0.2% ±1.8°F
L	-200 ~ 900	±0.1% ±1.0°C	-328 ~ 999.9	±0.1% ±1.8°F
			1000 ~ 1652	±0.2% ±1°F
U	0 ~ 600	±0.1% ±1.0°C	32 ~ 999.9	±0.1% ±1.8°F
			1000 ~ 1112	±0.2% ±1°F
B	600 ~ 999.9	±0.05% ±2.0°C	1112 ~ 1831	±0.05% ±3.6°F
	1000 ~ 1760	±0.1% ±2.0°C	1832 ~ 3200	±0.1% ±3.6°F
C	0 ~ 999.9	±0.1% ±1.5°C	32 ~ 999.9	±0.1% ±2.7°F
	1000 ~ 1760	±0.2% ±1.5°C	1000 ~ 3200	±0.2% ±2.7°F



