



ENGLISH

Datasheet

Stock No. 123-2235

RS-1384

4 Input Data Logging Thermometer



FEATURES

- Isolated Input Protection of 350V_{p-p} between any two inputs
- Highly accurate thermometer with thermocouple
K, J, E, T, R, S, N, L, U, B, C types
- 4 input function T1/T2/T3/T4 temperature display
- Programmable Hi – Lo alarm for 4 inputs
- Display of MAX, MIN, MAX-MIN and Current values of 4 inputs
- Independent Input Setup (type of thermocouple, Hi – Lo alarm values)
- Memory and Read function (99 sets)
- 512KB auto datalogging capacity
(4 input: 36000 set, 1 input: 100000 set)
- USB interface

SPECIFICATIONS

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
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
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

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
Isolated Input Protection between any two inputs	350V _{p-p}
Sampling Rate	One time per 2 seconds
Operating Temperature and Humidity	0 to 50°C (32 to 122°F), below 80% RH
Storage Temperature and Humidity	-10 to 60°C (14 to 140°F), below 70% RH
Power Source & Battery Life	6 pcs size AA Alkaline battery & Approx. 55 hours (Alkaline battery)
Size & Weight	18.7x7.3x5.3 cm & Approx. 405g with batteries
Accessories	Instruction manual, Alkaline battery, USB cable, Software CD, Carrying case, 1 x K-type thermocouple