Model **AX-1136B** External standard type Digital thermistor checker

Compare with external standard thermistor, percentage measurement

- Available to make % measurement against standard value at room temperature regardless of temperature characterristice in comparison with external standard-termistor.
- Possible to reduce error of the measured value for Self-heating on the measuring object by pulse impress of low measuring power (Within 150 μW).
- Available to measure the resistance value of external standard or to measure the resistance value of the measuring object.
- Available to calibrate the difference (±9.999%) on resistance value of external standard and to correctly measure the measuring object.
- Digital comparator is built-in. [7 classifications]
- Measuring current/voltage-check are built-in as standard function.

Specifications

Measuring range and Accuracy (at23℃±5℃)

Range	Measuring range	Measuring current	Accuracy	Display
10Ω	0.000Ω～ 15.000Ω	3mA	within ±0.03%±2digit [Slow]/within ±5digit [FAST]	15000
100Ω	0.00Ω～ 150.00Ω	1mA	within ±0.02%±2digit [Slow]/within ±5digit [FAST]	
1kΩ	0.0Ω～1500.0kΩ	300μA		
10kΩ	0.000kΩ～15.000kΩ	100μA		
100kΩ	0.00kΩ～150.00kΩ	10μA		
1MΩ	0.0kΩ～1500.0kΩ	1μA	within ±0.02%±3digit [Slow]	
5MΩ	0kΩ～ 5000kΩ	0.5μA	within ±0.02%±5digit [Slow]	5000
%	1Ω～ 5000kΩ	refer to the above	refer to the above	±50.00%

Open-circuit voltage of measuring terminal	less than 12V
Measuring method	4-terminal measurement, Scanning of Rs/Rx, Available to Contact-Check both Rs and Rx.
Sampling time	[Free running mode] 5 times/sec. [Slow], 10 times/sec. [FAST] [If the average mode] 1.8 times/sec. [Slow], 3.7 times/sec. [FAST]
	[Remote start mode] about 27msec. [Slow], about 15msec [Fast] (Difference by range and mode.)
Comparator set range	±50.00% both upper and lower limit.
Indication of comparator's comparison result	LED indication LO/LLG/LG/GO/HG/HHG/HI and buzzer
Control signal	Remote start input : "L" [0V] →"H" [DC12V] start
	Remote hold input : Open and "H" [DC12V] : Free run/"L" [0V] : Hold
	comparison output [LO/GO/HI] : open collector : max.40V, 100mA
	contact error output [CE] : open collector : max.40V, 100mA
	end of comparison output [EOC] : open collector : max.40V, 100mA
Operation condition	[Temp.] +5℃～+40℃ [Humidity] less than 85%
Power supply	AC100V～240V selectable, 50/60Hz, about 60VA
Outer dimension	about 333 (W) ×99 (H) ×300 (D) mm (excluding protruding parts such as rubber legs, etc.)
Weight	about 3.8kg

The Outline

AX-1136B can compare the resistance value of the thermistor with the external standard thermistor, displays it in parcentage of the deviation, compares it with the set value, 7 classifications [Good products 5 classificatios] performs judgment output.

Option

- GP-IB Interface
- RS-232C Interface
- Printer output(8 bit parallel Centronics)
- Printer cable

*Either one interface can built-in the option above.