

Current Transducer/Sensor



BJ15 Temperature Transducer

FEATURES

***Working principle:** Thermal resistance input (Pt100, Pt1000, Pt10, Cu50), Linear photoelectric isolating, Dedicated conversion IC

***Usage:** Used to measure the temperature

***Advantage:** The best performance/price ratio, fast response, high accuracy, good stability, small volume, light weight, easy installation, and measure the AC voltage input

***Application:** Widely used for measuring the temperature of the place, such as transformer oil temperature, indoor temperature, equipment temperature, etc

***Dimension (mm):** BJ15: 77(L) × 45(W) × 50(H)

MODEL

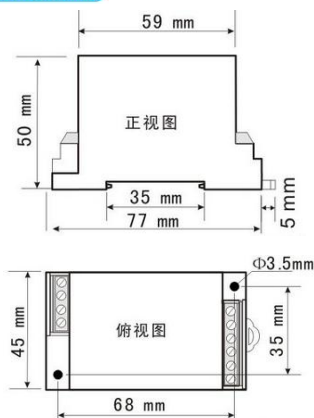
LF-WA12-   BJ15-0.5/ 

A B C

Model selection1:LF- WA12-32 BJ15-0.5/0℃~+100℃

Explanation: this product is a 100℃input range, 0-5V output, 12V power supply, BJ15 Temperature Transducer

DIMENSION DIAGRAM



ELECTRICAL DATA

* Input temperature probe:

Thermal resistance: Pt100, Pt1000, Pt10 Cu50

* Input temperature: -50℃~+50℃; 0℃~+50℃;

0℃~+100℃; 0℃~+200℃; 0℃~+300℃;Customized

*Accuracy Grade: ≤0.5%.F.S

*Linearity Degree: better than 0.1%

*Response Time: < 100 ms.

*Offset Voltage: ≤10mV

*Temperature Characteristics:≤100PPM/℃(0~50℃)

*Power Consumption: ≤5 mA

*Load: Voltage output: 5mA, Current output: 6V

*Over Load: 30 times of input

*Isolation Withstanding Voltage:

AC3.0KV/min*1mA between input /output/ power

*Flame Redundancy: UL94-V0

*Working Environment:-10℃~70,

20%~90% without condensation

*Storage Environment:-40℃~85,

-20%~95% without condensation

MODEL REMARKS

A---Output

1. 0~10V

3. 0~5V

4. 0~20mA

5. 4~20mA

T: Special output

1way in/1 way out

1way in/two ways out;

Isolated/non Isolated;

B---Power supply

2:12V±10%

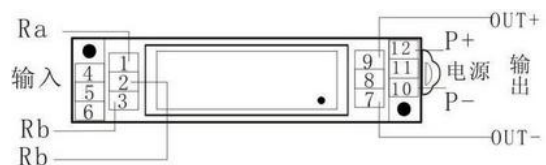
3. 15V±10%

4:24V±15%

6.220V

C---Current input range

CONNECTION DIAGRAM



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