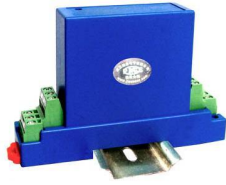


Current Transducer/Sensor



BJ11 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):** BJ11: 99(L) ×24(W) ×65(H)mm

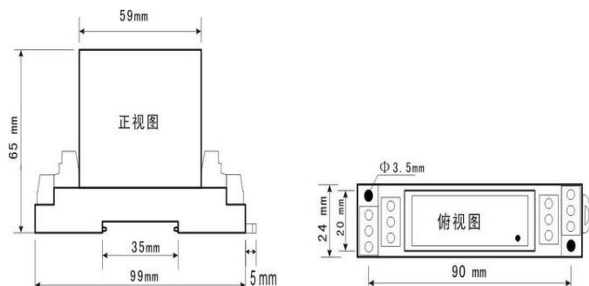
MODEL

LF-PAV12-   BJ11-0.5/ 
A B C

Model selection1:LF- PAV12-32 BJ11-0.5/0℃~+50℃

Explanation: this product is a 50℃ input range, 0-5V output, 12V power supply, BJ11- style 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.

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

*Power Consumption: ≤25 mA

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

*Over Load: 2 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

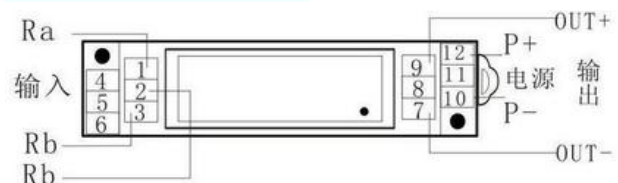
*Storage Environment:-40℃~85,

-20%~95% without condensation

MODEL REMARKS

A---Output	B---Power supply
1. 0~10V	2:12V±10%
3: 0~5V	3. 15V±10%
4: 0~20mA	4:24V±15%
5: 4~20mA	6.220V
T: Special output	C---Current input range
1way in/1 way out	
1way in/two ways out;	
Isolated/non Isolated;	

CONNECTION DIAGRAM



Xiamen ZT Technology Co., Limited