

Current Transducer/Sensor



BJ11 DC Current Transducer

FEATURES

- ***Working principle:** Linear photoelectric isolating or demodulation principle
- ***Usage:** Used to measure the DC current
- ***Advantage:** The best performance/price ratio, fast response, high accuracy, good stability, small volume, light weight, easy installation, and measure the DC voltage input
- ***Application:** Widely used for measuring the DC current
- ***Dimension (mm):** BJ11: 99(L) × 24(W) × 65(H)mm

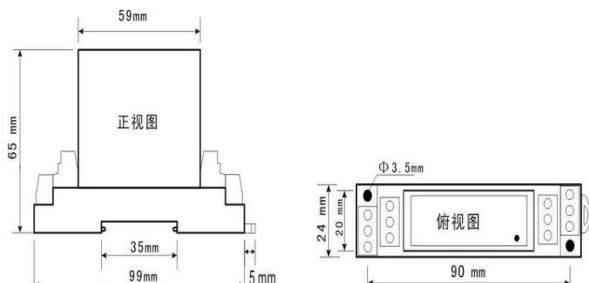
MODEL

LF-DI12-**A** **B** **BJ11-0.5/C**

Model selection1:LF- DI12-32 BJ11-0.5/10mA

Explanation: this product is a 10mA input range, Relay output, 12V power supply, BJ11- style DC Current Transducer

DIMENSION DIAGRAM



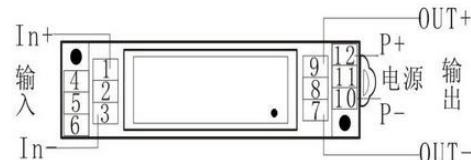
ELECTRICAL DATA

- *Input Range: 1mA~1200mA can choose 10mA, 100mA etc
- *Accuracy Grade: $\leq 0.5\% .F.S$
- *Linearity Degree: better than 0.1%
- *Response Time: Photoelectric isolation < 15 us; Modulation type < 150 ms.
- *Offset Voltage: $\leq 10mV$
- *Frequency Range: 20~5 KHz
- *Temperature Characteristics: $\leq 100PPM/^\circ C$ (0~50°C)
- *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°C~70, 20%~90% without condensation
- *Storage Environment: -40°C~85, -20%~95% without condensation

MODEL REMARKS

A--Output	B--Power supply
1. 0~10V	2:12V $\pm 10\%$
3: 0~5V	4:24V $\pm 15\%$
4: 0~20mA	5. 5V
5: 4~20mA	
T: Special output	C---Current input range

CONNECTION DIAGRAM



Xiamen ZT Technology Co., Limited