

Current Transducer/Sensor



BJ15 Pulsating DC Current Isolation Transducer

Pulsating DC products refers to the input signal by the current or voltage signal of the rectification is not filter or the ripple content > 10%.

FEATURES

- ***Working principle:** Linear photoelectric isolating
- ***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:** Measure large DC signal ripple site
- ***Dimension (mm):** BJ15: 77(L)×45(W)×50(H)

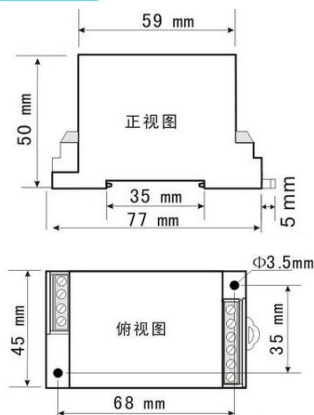
MODEL

LF-PDI12-  BJ15-0.5/
A B C

Model selection1:LF- PDI12-32 BJ15-0.5/10A

Explanation: this product is a 10A input range, Relay output, 12V power supply, BJ15 style DC Current Transducer

DIMENSION DIAGRAM



Xiamen ZT Technology Co., Limited

ELECTRICAL DATA

- *Input Range: 1mA~12A can choose 10mA, 10A 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: $\leq 10\text{mV}$
- *Frequency Range: 20~5 KHz
- *Temperature Characteristics: $\leq 100\text{PPM}/^\circ\text{C}$ (0~50 $^\circ\text{C}$)
- *Power Consumption: $\leq 5\text{ mA}$
- *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 $^\circ\text{C}$ ~70,
20%~90% without condensation
- *Storage Environment: -40 $^\circ\text{C}$ ~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	6.220V
5: 4~20mA	
T: Special output	C---Current input range

CONNECTION DIAGRAM

