

Current Transducer/Sensor






BJ15 Pulsating AC Voltage Isolation Transducer

Pulsating AC 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 AC voltage input
- ***Application:** Measure large AC signal ripple site
- ***Dimension (mm):** BJ15: 77(L)×45(W)×50(H)

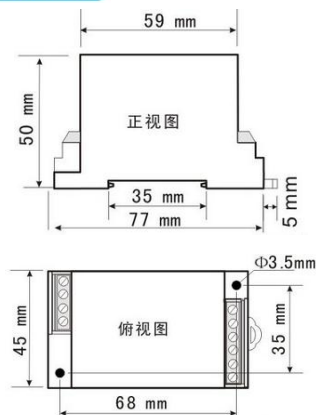
MODEL

LF-PAV12-   BJ15-0.5/ 

A B C

Model selection1:LF- PAV12-32 BJ15-0.5/10A
 Explanation: this product is a 10A input range, 0-5V output, 12V power supply, BJ15 style Pulsating AC Voltage Transducer

DIMENSION DIAGRAM



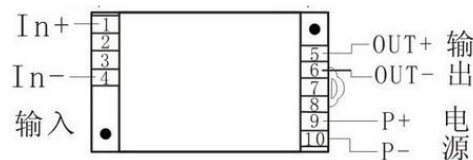
ELECTRICAL DATA

- *Input Range: 1mV~1200V can choose 10mV, 10V 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: ≤ 10 mV
- *Frequency Range: 20~5 KHz
- *Temperature Characteristics: ≤ 100 PPM/ $^{\circ}$ C(0~50 $^{\circ}$ C)
- *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 $^{\circ}$ C~70,
20%~90% without condensation
- *Storage Environment:-40 $^{\circ}$ 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



Xiamen ZT Technology Co., Limited