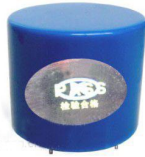


Current Transducer/Sensor



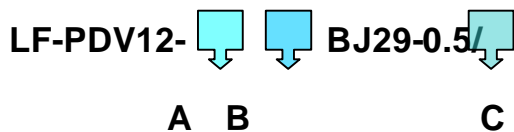
BJ29 Pulsating DC Voltage Transducer

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

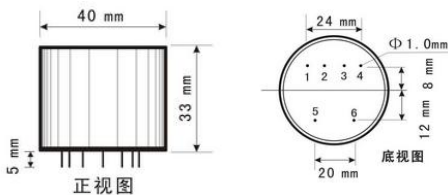
- ***Working principle:** Linear photoelectric isolating
- ***Advantage:** The best performance/price ratio, fast response, high accuracy, good stability, small volume, light weight, easy installation, and measure the DC voltage input
- ***Application:** Measure large DC signal ripple rate
- ***Dimension (mm):** BJ29: 33(L) ×33(W) ×40(H)

MODEL



Model selection1:LF- PDV12-32 BJ29-0.5/10mA
 Explanation: this product is a 10mA input range, Relay output, 12V power supply, BJ29- style DC Voltage Transducer

DIMENSION DIAGRAM



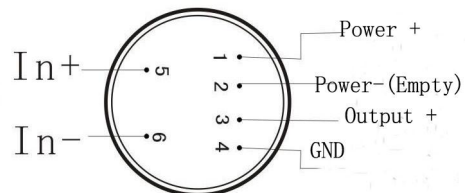
ELECTRICAL DATA

- *Input Range: 0V~600V can choose 10mV, 100mV 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: $\leq 25\text{mA}$
- *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 $^\circ\text{C}$ ~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	1. 5V
3. 0~5V	2:12V $\pm 10\%$
4. 0~20mA	4:24V $\pm 15\%$
5. 4~20mA	
T: Special output	C---Current input range

CONNECTION DIAGRAM



Xiamen ZT Technology Co., Limited