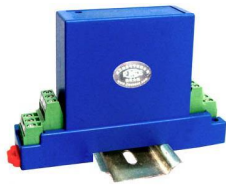


Current Transducer/Sensor



BJ11 50-100 KHz Frequency Transducer

FEATURES

- ***Working principle:** Linear photoelectric isolating, Dedicated conversion IC
- ***Usage:** Used to measure broadband arbitrary wave signal frequency
- ***Advantage:** The best performance/price ratio, fast response, high accuracy, good stability, small volume, light weight, easy installation
- ***Application:** Widely used for measuring the broadband random wave signal frequency
- ***Dimension (mm):** BJ11: 99(L) × 24(W) × 65(H)mm

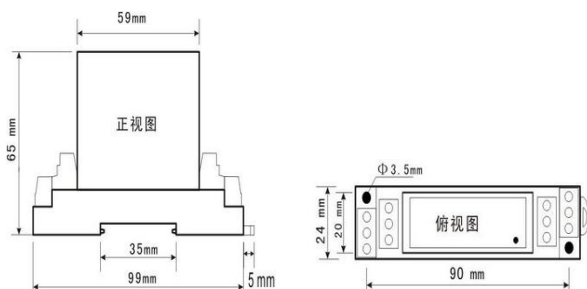
MODEL

LF-FAK12-   BJ11-0.5 
A B C

Model selection1:LF- FAK12-32 BJ11-0.5/10kHz

Explanation: this product is a 10kHz input range, 0-5V output, 12V power supply, BJ11- style 50-100 KHz Frequency Transducer

DIMENSION DIAGRAM



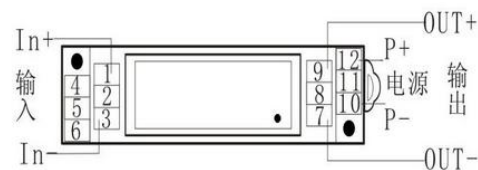
ELECTRICAL DATA

- *Input Range: 50Hz~100 KHz can choose 10 kHz, 100Hz, etc
- *Accuracy Grade: $\leq 0.5\%$.F.S
- *Linearity Degree: better than 0.1%
- *Response Time: $< 200\text{ms}$;
- *Offset Voltage: $\leq 10\text{mV}$
- *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
- *Working Environment: -10 $^\circ\text{C}$ ~70 $^\circ\text{C}$,
20%~90% without condensation
- *Storage Environment: -40 $^\circ\text{C}$ ~85 $^\circ\text{C}$,
-20%~95% without condensation

MODEL REMARKS

A---Output	B---Power supply
1. 0~10V	
3: 0~5V	2: 12V $\pm 10\%$
4: 0~20mA	3: 15V $\pm 10\%$
5: 4~20mA	4: 24V $\pm 15\%$
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