

Current Transducer/Sensor



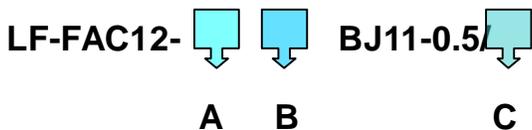
BJ11 Current in Frequency Out

Frequency Transducer

FEATURES

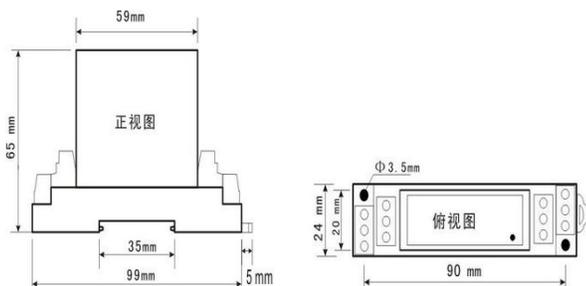
- ***Working principle:** Linear photoelectric isolating, Dedicated conversion IC
- ***Usage:** Used to measure broadband arbitrary wave signal frequency
- ***Advantage:** The best performance/price ratio, fast response, high accuracy, good stability, small volume, light weight, easy installation
- ***Application:**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

MODEL



Model selection1:LF- FAC12-10Hz 2 BJ11-0.5/10mA
 Explanation: this product is a 10mA input range,10Hz output, 12V power supply, BJ11- style Frequency Transducer

DIMENSION DIAGRAM



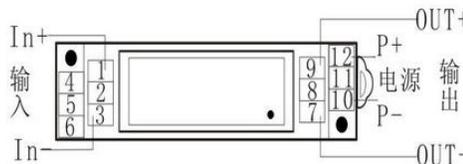
ELECTRICAL DATA

- *Input Range: 5mA~5A can choose 10mA, 20mA,; 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
50HZ;100Hz;1kHz;5kHz;	2:12V $\pm 10\%$
10kHz;50kHz;100kHz;	3:15V $\pm 10\%$
Customized available	4:24V $\pm 15\%$
T: Special output	C---Current input range

CONNECTION DIAGRAM



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