Current Transducer/Sensor

BJ15 AC Voltage Transducer

FEATURES

***Working principle:** New electromagnetic isolation

***Usage:** Used to measure AC Voltage, especially for power frequency 50 Hz sine wave AC Voltage

***Advantage:** The best performance/price ratio, power loss and small volume, light weight, easy installation, perforated input, without the insertion loss.

***Application:** Widely used for measuring AC Voltage

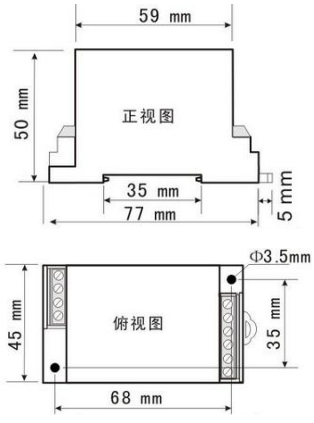
*Dimension (mm): BJ15: 77(L) ×45(W)×50(H)

MODEL

LF-AV12- A B BJ15-0.5/ C

Model selection1:LF- AV12-32 BJ15-0.5/10V Explanation: this product is a 10V input range, 0-5V, 12V power supply, BJ15 style AC Voltage Transducer	

DIMENSION DIAGRAM



ELECTRICAL DATA

*Input Range:0-1200V can choose 100V, 10V etc

*Accuracy Grade：≤0.5%.F.S

*Linearity Degree：better than 0.1%

*Response Time: Photoelectric isolation < 15 us;
Modulation type < 150 ms.

*Offset Voltage: ≤10mV

*Frequency Range: 20~5 KHz

*Temperature Characteristics:≤100PPM/℃(0~50℃)

*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

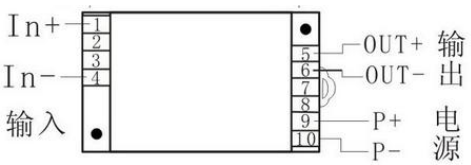
*Working Environment:-10℃~70,
20%~90% without condensation

*Storage Environment:-40℃~85,
-20%~95% without condensation

MODEL REMARKS

A---Output	B---Power supply
1. 0~10V	1.5V
3: 0~5V	2:12V±10%
4: 0~20mA	4:24V±15%
5: 4~20mA	5.220V
T: Special output	C---Current input range

CONNECTION DIAGRAM



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