Current Transducer/Sensor

BJ20 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): BJ20:30(L)×24(W)×34(H)

MODEL

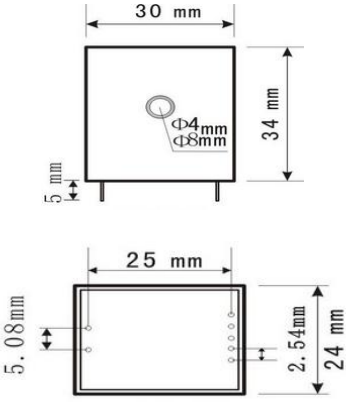
LF- AV12-□ □ BJ20-0.5/□

A B C

Model selection1:LF- AV12-33 BJ20-1.0/10V

Explanation: this product is a 10V input range, 0-5V output, 15V power supply, BJ20 style AC Voltage Transducer

DIMENSION DIAGRAM



ELECTRICAL DATA

*Input Range: 5V~600V can choose 5V, 15V etc

*Accuracy Grade：≤0.5%.F.S

*Linearity Degree：better than 0.1%

*Response Time: ≤250mS

*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: 2 times of input

*Isolation Withstanding Voltage:

AC3.0KV/min*1mA between input /output/ power

*Working Environment:

-10℃~70℃, 20%~90% without condensation

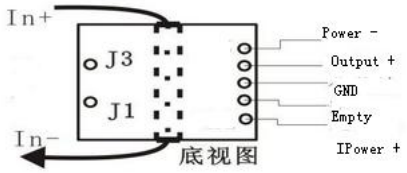
*Storage Environment:

-40℃~85℃, -20%~95% without condensation

MODEL REMARKS

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

CONNECTION DIAGRAM



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