Current Transducer/Sensor

BJ1 AC Zero Magnetic Flux Leakage Current Sensor

FEATURES

*__Working principle:__ "zero flux" automatic compensation principle, the sensor has been ideal working state of "zero flux", guarantees the contrast and the difference value in the highest accuracy.

*__Usage:__ Specially designed for ac leakage current sampling from all kinds of power equipment insulation online monitoring system.

*__Advantage:__ The best performance/price ratio, high accuracy, high stability, small volume, light weight, easy installation, perforated input, without insertion loss

*__Application:__ suitable for 1~500KV electrical equipment grounding wire leakage current and dielectric loss of electric testing, insulation online monitoring systems, such as: PT and CT, main transformer casing, main transformer iron core, a variety of lightning arrester, switch, etc.

*Dimension(mm): BJ1: 70(L)×38(W)×60(H) aperture: 25mm

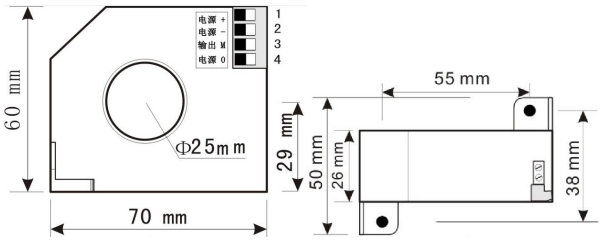
MODEL

LF-AI12- ▼ **A** ▼ **B** **BJ1-0.5/** ▼ **C**

Model selection1:LF-AI12-33BJ1-1.0/0~10mA

Explanation: this product is a 0~10mA input range, 0~5v output, 15V power supply, BJ1 style AC Zero Magnetic Flux leakage current sensor.

DIMENSION DIAGRAM



ELECTRICAL DATA

*Input Range：5~1200mA can choose 0~5mA, 0~100mA etc

*Accuracy Grade：≤0.5%.F.S

*Linearity Degree：better than 0.1%

*Response Time: ≤250mS

*Frequency Range: 20-5kHz

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

*Power Consumption: ≤5 mA

*Load: Voltage output: 5mA, Current output:6V

*Over Load: 10 times of input

*Isolation Withstanding Voltage:
AC3.0KV/min*1mA between input /output/ power

*Flame Redundancy: UL94-V0

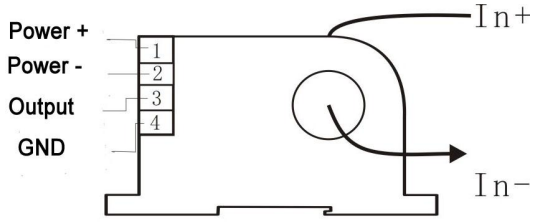
*Working Environment:-20℃~80℃, 20%~90% without condensation

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

MODEL REMARKS

A---Output	B---Power supply
2: 0~4V 3: 0~5V	2:12V±10% 3:15V±10% 4:24V±15% 5: 220V 6:110V
T: Special output	C---Current input range

CONNECTION DIAGRAM



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