Current Transducer/Sensor

BJ7 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): BJ7: 175(L)×42(W)×148(H) aperture: 72mm

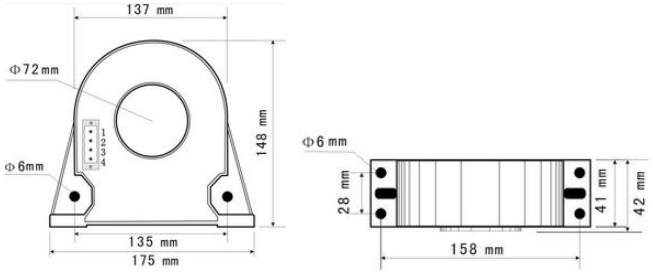
MODEL

LF-AI12- A B BJ7-0.5/ C

Model selection1:LF-AI12-33BJ7-1.0/0~10mA

Explanation: this product is a 0~10mA input range, 0~5v output, 15V power supply, BJ7 style AC Zero Magnetic Fluxleakage current sensor.

DIMENSION DIAGRAM



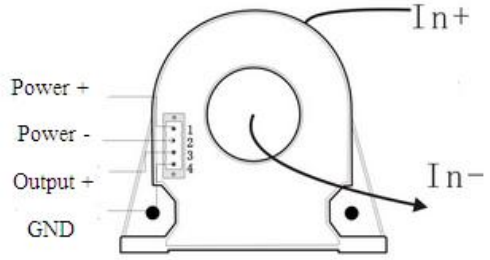
ELECTRICAL DATA

*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:≤200mS
*Offset Current: ≤20uA
*Temperature Characteristics:≤100PPM/℃(0~50℃)
*Power Consumption:≤10 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 Retardancy: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
2: 0~4V 3: 0~5V	2:12V±10% 3:15V±10% 4:24V±15%
T: Special output	C---Current input range

CONNECTION DIAGRAM



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