

Current Transducer/Sensor






SB6 AC Current Transducer

FEATURES

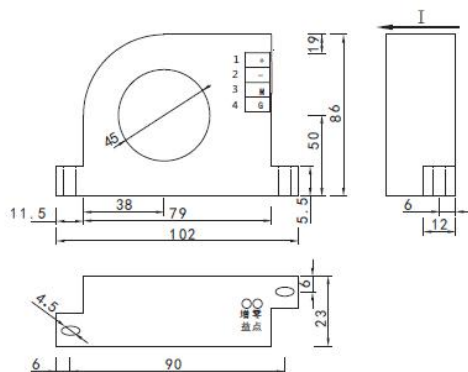
- *Transforms the measured 1-phase AC current to the standard DC voltage or DC current output according to the linear proportion
- *Excellent anti-interference ability and high accuracy (0.5%)
- *Perforation input, screw fastening plane mounting
- *It widely applies to all kinds of industrial current online detection system
- *Dimension(mm):102(L)×23(W)×86(H) aperture: 45mm

MODEL

LF-AI12-   **B6-0.5/** 
A B C

Model selection1: LF-AI12-32B6-0.5/0~100A
Explanation: this product is a 0~100A input range,
0~5V output, 12V power supply,
B6 style 1-phase AC current transducer.

DIMENSION DIAGRAM



ELECTRICAL DATA

- * Standards: GB/T 13850-1998, IEC688: 1992
- * Input Range: 0~500A can choose 0~100A, 0~250A etc
- *Accuracy Grade: $\leq 0.5\%$.F.S
- * Temperature Characteristics: $\leq 100\text{PPM}/^{\circ}\text{C}$ (0~50 $^{\circ}\text{C}$)
- * Power Consumption: $\leq 1.0\text{VA}$
- * Working Stability: annual change $< 0.2\%$
- * Isolation Withstanding Voltage: AC2.0KV/min*1mA between input/output/power
- * Isolation Resistance: $\geq 100\text{M}\Omega$ (DC500V)
- * Impulse Voltage: 5KV(peak value), 1.2/50uS
- * Response Time: $\leq 300\text{ms}$

MODEL REMARKS

A---Output	B---Power supply
3:0~5V	2:12V $\pm 10\%$
6: 1~5V	3:15V $\pm 10\%$
8: 0~10V	
T: Special output	C---Current input range

CONNECTION DIAGRAM

- 1 "+": Positive power supply's positive wiring end
 - 2 "-": Negative power supply's positive wiring end
 - 3 "M": Measuring output end
 - 4 "G": Power and output's common ground end
- Note: when single power supply works, 2 is empty
Note: When the transducer leave factory,
the output zero/gain has adjusted wel l,
Please don't adjust, it randomly in no special situation.



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