

# Hall Effect AC Current Transducer



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## CE-IJ04-54E4-1.0

Output: 4-20mA; Power supply: +24V;

Window:  $\varnothing 21\text{mm}$ ; Case Style:E4; Accuracy:1.0

### Features

High isolation, small size, light in weight, less power consumption, window structure, no insertion loss

### Specifications

Operating temperature:  $-10\sim 80^{\circ}\text{C}$

Measuring range: 0-10mA~10A AC or 0-50A~400A AC

Temperature drift: 0.025% / $^{\circ}\text{C}$

Isolation : 3KVRMS/50Hz/1Min

Current consumption:  $\pm 10\text{mA}$

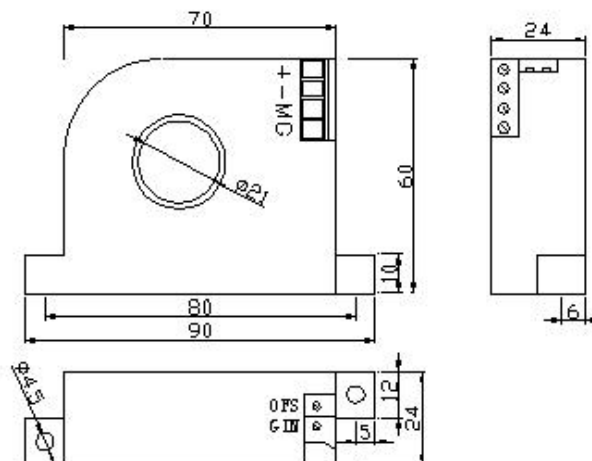
Response time: 120mS (when the input is 0-10mA~10A AC); 10 $\mu\text{S}$ (when the input is 0-50A~400A AC)

Overload: 20 times of the maximum value of measuring range

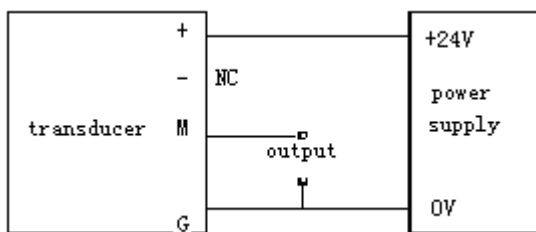
### Case Style & Mounting Dimensions



L\*W\*H 90\*24\*60mm



### Connections Diagrams



+: Positive power supply

-: NC

M: Signal output

G: Ground

### Notice

- Two potentiometers can be adjusted, only if necessary, by turning slowly to the required accuracy with a small screwdriver
- The best accuracy can be achieved when the window is fully filled with bus-bar(current carrying conductor)
- The in-phase output can be obtained when the direction of current of carrying conductor is the same as the direction of arrow marked on the transducer case.