

Hall Effect DC Current Transducer



Shenzhen Sensor Electronic
Technology Co.,Ltd

CE-IZ04-54E4-1.0

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: $0\sim \pm 10\text{mA}\sim \pm 10\text{A AC}$ or $0\sim \pm 50\text{A}\sim \pm 400\text{A AC}$

Temperature drift: $0.05\% / ^{\circ}\text{C}$

Isolation : 3KVRMS/50Hz/1Min

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

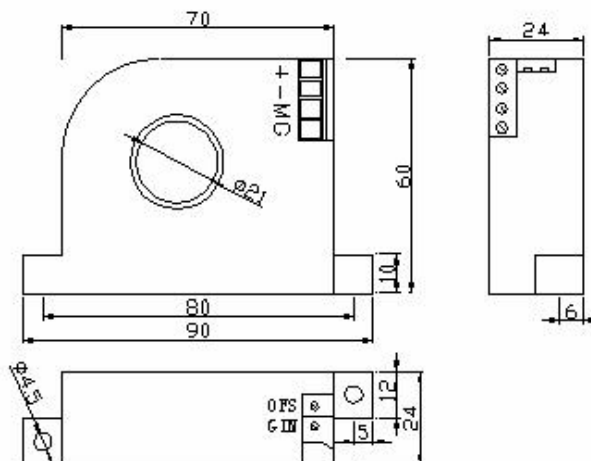
Response time: 120mS (when the input is $0\sim \pm 10\text{mA}\sim \pm 10\text{A AC}$); 10 μS (when the input is $0\sim \pm 50\text{A}\sim \pm 400\text{A AC}$)

Overload: 20 times of the maximum value of measuring range

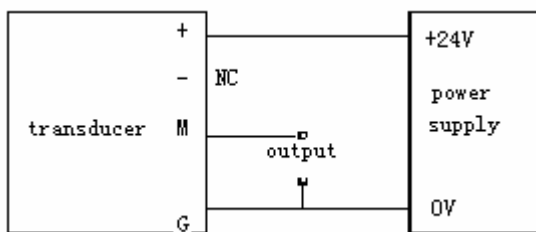
Case Style & Mounting Dimensions



L*W*H 90*24*60mm



Connections Diagrams



+: Positive power supply

-: No connection

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.