

Hall Effect DC Current Transducer



Shenzhen Sensor Electronic
Technology Co.,Ltd

CE-IZ04-34C1-1.0

Output: 0-5V; Power supply: +24V;

Window: $\varnothing 42\text{mm}$; Case Style: C1; 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: $0\pm 100\sim \pm 2500\text{A DC}$

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

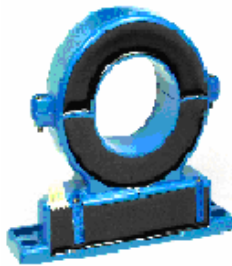
Isolation : $3\text{KV RMS}/50\text{Hz}/1\text{Min}$

Current consumption: $\pm 20\text{mA}$

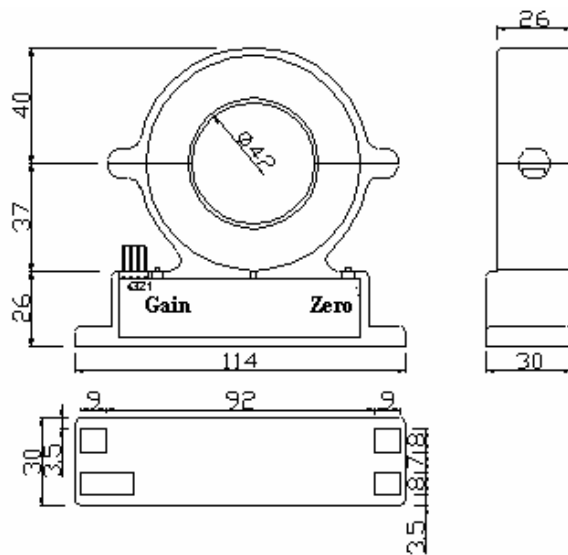
Response time: $10\mu\text{s}$

Overload: 20 times of the maximum value of measuring range

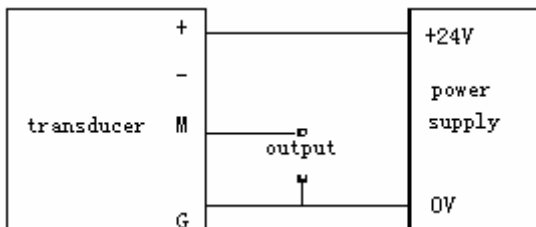
Case Style & Mounting Dimensions



L*W*H: 114*30*40 mm



Connections Diagrams



+: Positive power supply
-: Don't use this terminal
M: Signal output
G: Ground

Notice

- 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.