

Hall Effect DC Current Transducer



Shenzhen Sensor Electronic Technology Co.,Ltd

CE-IZ04-96E6-1.0

Output: 0-4V; Power supply: $\pm 15V$;

Window: $\varnothing 60mm$; Case Style:E6; Accuracy:1.0

Features

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

Specifications

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

Measuring range: $0\sim \pm 100A\sim \pm 1000A$ DC

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

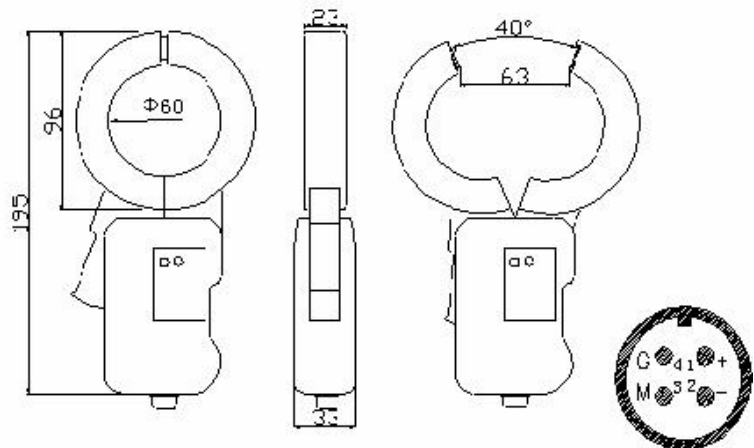
Isolation : $3KVRMS/50Hz/Min$

Current consumption: $\pm 25mA$

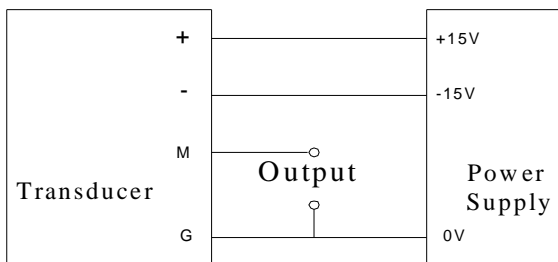
Response time: $10\mu S$ (when it is voltage output) ; $25\mu S$ (when it is current output)

Overload: 2 times of the maximum value of measuring range

Case Style & Mounting Dimensions



Connections Diagrams



+: Positive power supply
-: Negative power supply
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.