

Hall Effect AC Current Transducer



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Output: Tracking voltage; Power supply: $\pm 15V$;

Window: $\varnothing 21mm$; 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: $-10\sim 80^{\circ}C$

Measuring range: $0-10mA\sim 10A AC$ or $0-50A\sim 400A AC$

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

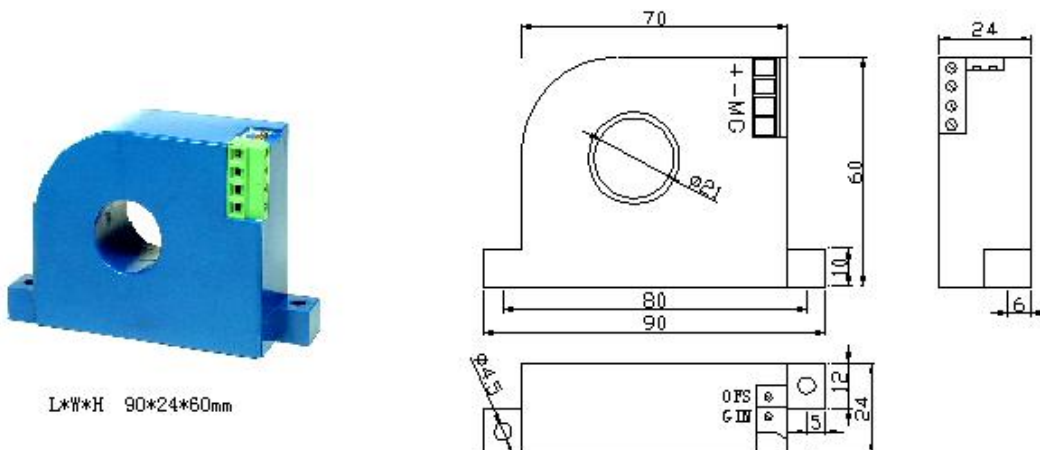
Isolation : $3KVRMS/50Hz/1Min$

Current consumption: $\pm 10mA$

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

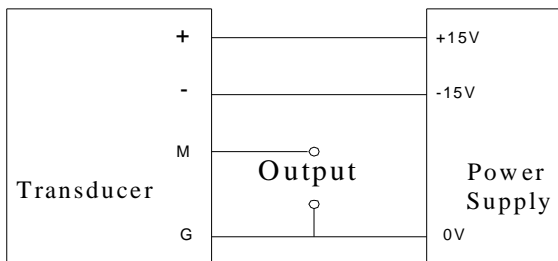
Overload: 20 times of the maximum value of measuring range

Case Style & Mounting Dimensions



L*W*H 90*24*60mm

Connections Diagrams



+: Positive power supply
-: 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.