Hall Effect AC Current Transducer

Shenzhen Sensor Electronic Technology Co.,Ltd

CE-IJ04-36E4-1.0

Output: 0-5V; Power supply: ±15V;
Window: ø21mm; Case Style:E4; Accuracy:1.0

Features

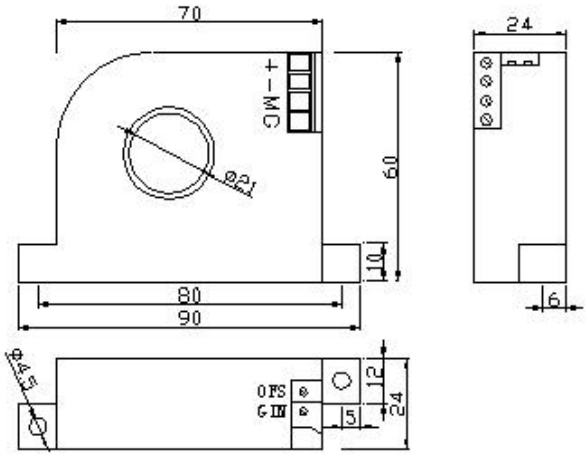
High isolation, small size, light in weight, less power consumption, window structure, no insertion loss

Specifications

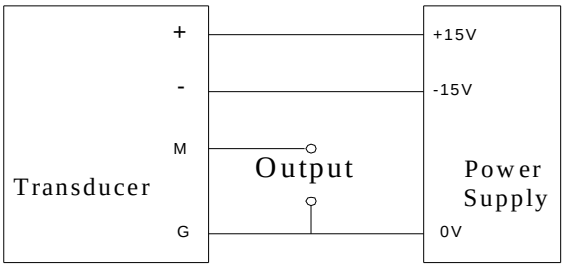
Operating temperature: -10~80℃
Measuring range: 0-10mA~10A AC or 0-50A~400A AC
Temperature drift: 0.025% /℃
Isolation : 3KVRMS/50Hz/1Min
Current consumption: ±10mA
Response time: 120mS (when the input is 0-10mA~10A AC); 10μS(when the input is 0-50A~400A AC)
Overload: 20 times of the maximum value of measuring range

Case Style & Mounting Dimensions

L*W*H 90*24*60mm



Connections Diagrams



+: Positive power supply
-: Negative power supply
M: Signal output
G: Ground

Notice

a) Two potentiometers can be adjusted, only if necessary, by turning slowly to the required accuracy with a small screwdriver
b) The best accuracy can be achieved when the window is fully filled with bus-bar(current carrying conductor)
c) 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.