

# Hall Effect DC Current Transducer

**Fastron**  
Electronics

**Output:** +/-10V ; **Power supply:** +24V;  
**Window:** ø20 mm; **Case Style:** D6; **Accuracy:** 1%  
**DCBT-XXX-24-10-10**



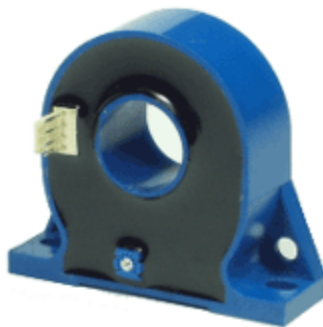
## Features

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

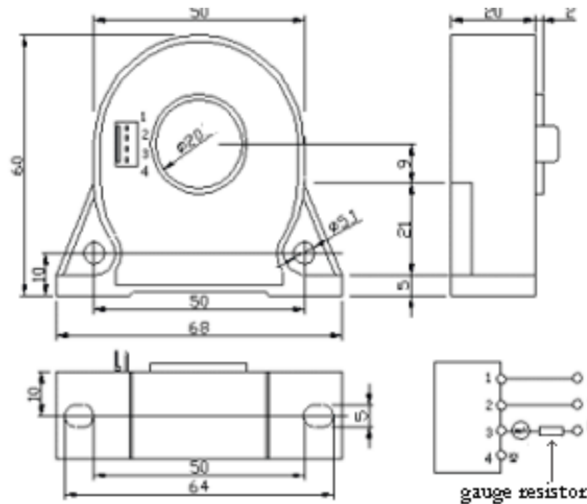
## Specifications

Operating temperature: -25~85°C  
Measuring range: 0-±50ADC~±300A DC  
Accuracy: Class 0.5  
Temperature drift: 0.025%/°C  
Isolation : 3KVRMS/50Hz/min  
Current consumption: ±25mA+output current (10mA for +/-10V, 20mA for 4-20mA Models)  
Response time: 1µS  
Overload: 20 times of the maximum value of measuring range

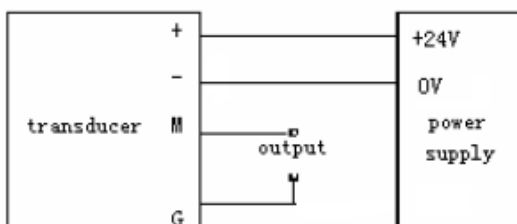
## Case Style & Mounting Dimensions



68\*20\*60mm



## Connections Diagrams



+: Positive power supply  
-: GND  
M: Signal output  
G: Signal output

## Notice

- Connect the terminals of power supply, outputs respectively and correctly, never make wrong connection.
- 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.

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