Hall Effect DC Current Transducer

Output: 4-20mA; Power supply:+24**V;**
Window: ø20 **mm; Case Style:D6; Accuracy:1%**

DCBT-XXX-24-420

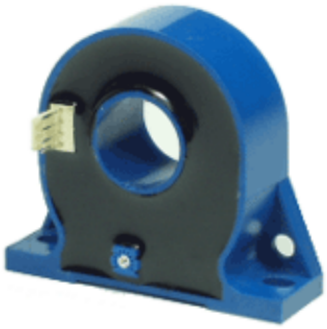
Features

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

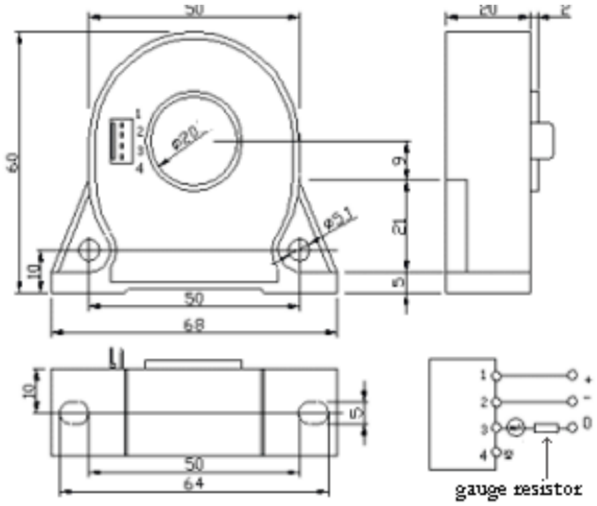
Specifications

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

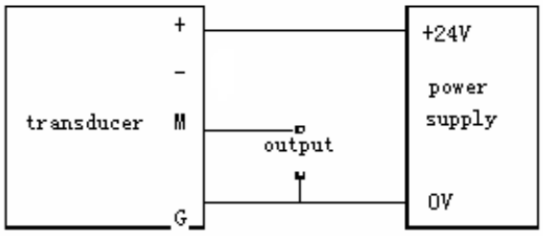
Case Style & Mounting Dimensions



68*20*60mm



Connections Diagrams



+: Positive power supply
-: None
M: Signal output
G: Ground

Notice

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

Fastron Electronics
9B Lakewood Blvd
Braeside VIC 3195 Australia
• Power Semiconductors
• Electrical Measurement
• Process Control
Web: www.fastron.com.au
Email: sales@fastron.com.au
Telephone: + 61- 3 - 97635155
Facsimile: + 61- 3 - 97635206