

# Current Sensor JCS06D

- Applied to various signal monitoring, airbag ignition current;
- Suitable to AC, DC and pulse current measurement;
- Max. wire diameter 6mm;
- Easy to install;
- Excitation voltage 4.5V~10.5V;
- Response time<3us;
- Anti-Shock>2000g.



The current sensor JCS06D is based on the Hall principle to achieve high-precision measurement of line current. The independent power supply is completely isolated from the measurement system, and the direct output voltage signal has a good linear relationship with the measured current. JCS06D is equipped with high-performance wear-resistant cables, and the cable length can be customized. In addition, Dallas ID and connectors can be equipped according to customer's need.

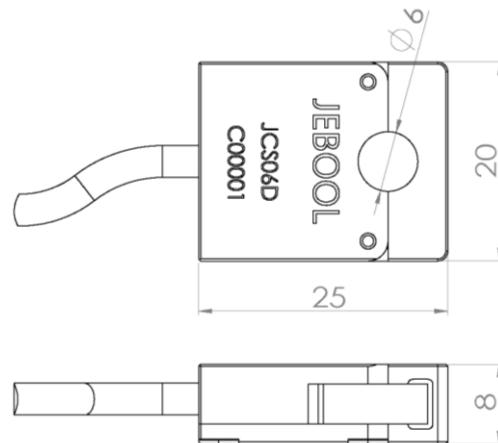
Specification (5V Excitation Voltage, 25°C):

Name	Unit	Value
Range	A	±15
Over Range	A	±60
Non-Linearity	%	< 0.5
Hysteresis	%	< 0.5
Offset	mV/V	< 5
Response Time	µs	< 3
Exc. Voltage	VDC	4.5~10.5
Consumption	mA	<10
Anti-Shock	g	>2000
Isolation	MΩ	>100
Opera. Temp.	°C	-30~85
Store Temp.	°C	-40~90
Material	/	Al. Alloy
Weight	grams	10
Dimension	mm	25× 20× 8

Wire length default 8m;

Connector can be customized.

Dimension:



Wires Define:

Red	Excitation+
Black	Excitation-
White	Signal-
Green	Signal+
Shield	Connector case