

# CURRENT SENSOR

The Techmor CS-1 Current Sensor is a compact, non-intrusive sensing ring, designed to measure DC electrical current, up to 120 Amperes. The unit measures the induced magnetic field around a wire. Simply run the wire inside the ring, and the 0-5V output is proportional to current. The sensor is extremely rugged, with no moving parts, and no need to modify the measured electrical circuit.

## Features

6-30V DC Power

0-5V Analog Output

Range: -120A to +120A DC

Gain = 17mV/A

Offset = 2.5V

Bandwidth 0 to 1kHz

Rated from -40C to +125C

Non-Intrusive, Non-Contact

3ft. Cable with Oil and Fuel-Resistant Jacket

## Applications

Alternators

Pumps

Fans

Ignition

Battery (Draw and Charge)



## Output Signal

1. Power V+
2. Signal +
3. NC
4. Signal -
5. GND



## **Ordering Info:**

**CS-1-\_\_**

**-5 = 5V Regulated Supply**

**-12= 6-30V Unregulated Supply**

## **Standard models:**

**CS-1-5**

**CS-1-12**

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[www.techmor.com](http://www.techmor.com)

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