

Voltage To Current Module 0-5V to 0-20mA Current Transmitter Signal Converter Module

Product:

1. Using high-quality materials, the quality is guaranteed
2. Adopt single chip embedded technology
3. The output signal can be directly connected to the AD converter
4. It can be connected with the microcontroller with AD function
5. Easy to operate, can be fine-tuned by potentiometer
6. Drive capability MAX15MA, linear output
7. Realize the voltage (0~5V) on the industrial standard to convert the current on the industrial standard (0~10mA, 4~20mA)

Parameter:

Working voltage: DC 10V~30V

Conversion range: 0-5V voltage is converted into 0-20mA current

VCC: working power supply 10V-30V

GND: working power ground

VIN: Input voltage 0-5V

GND: input voltage ground

OUT: output current 0-20mA

GND: output ground

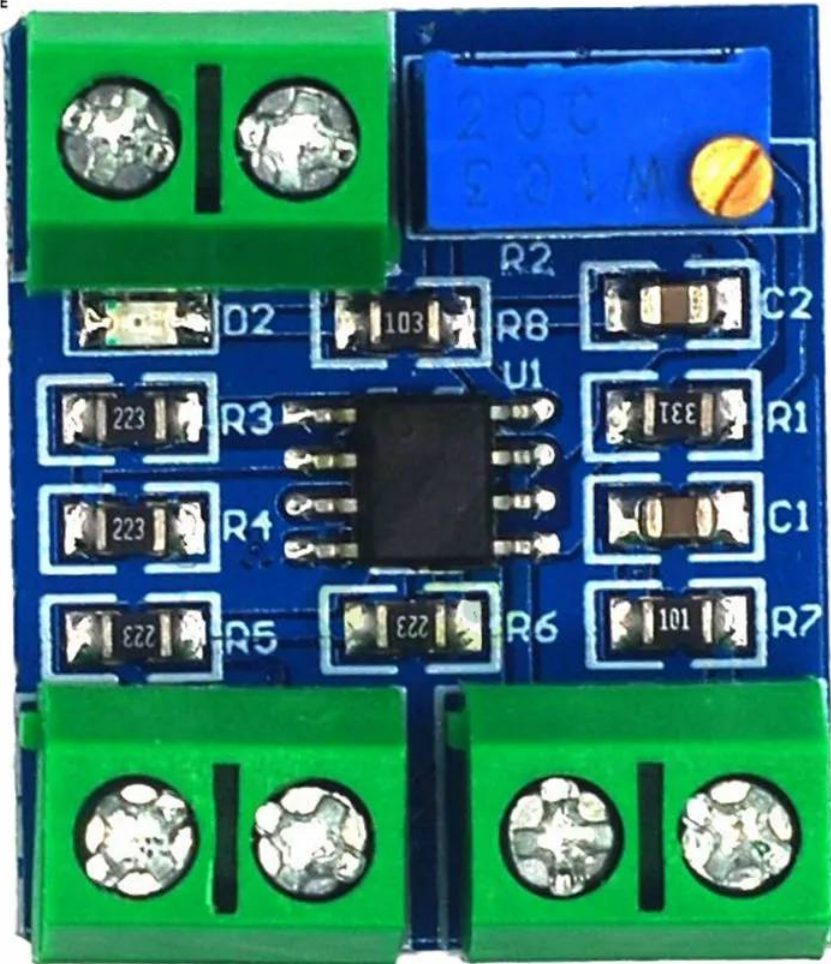
Operation instructions: Connect the working voltage to VCC and GND, and do not connect them in reverse, so as not to damage the board and devices.

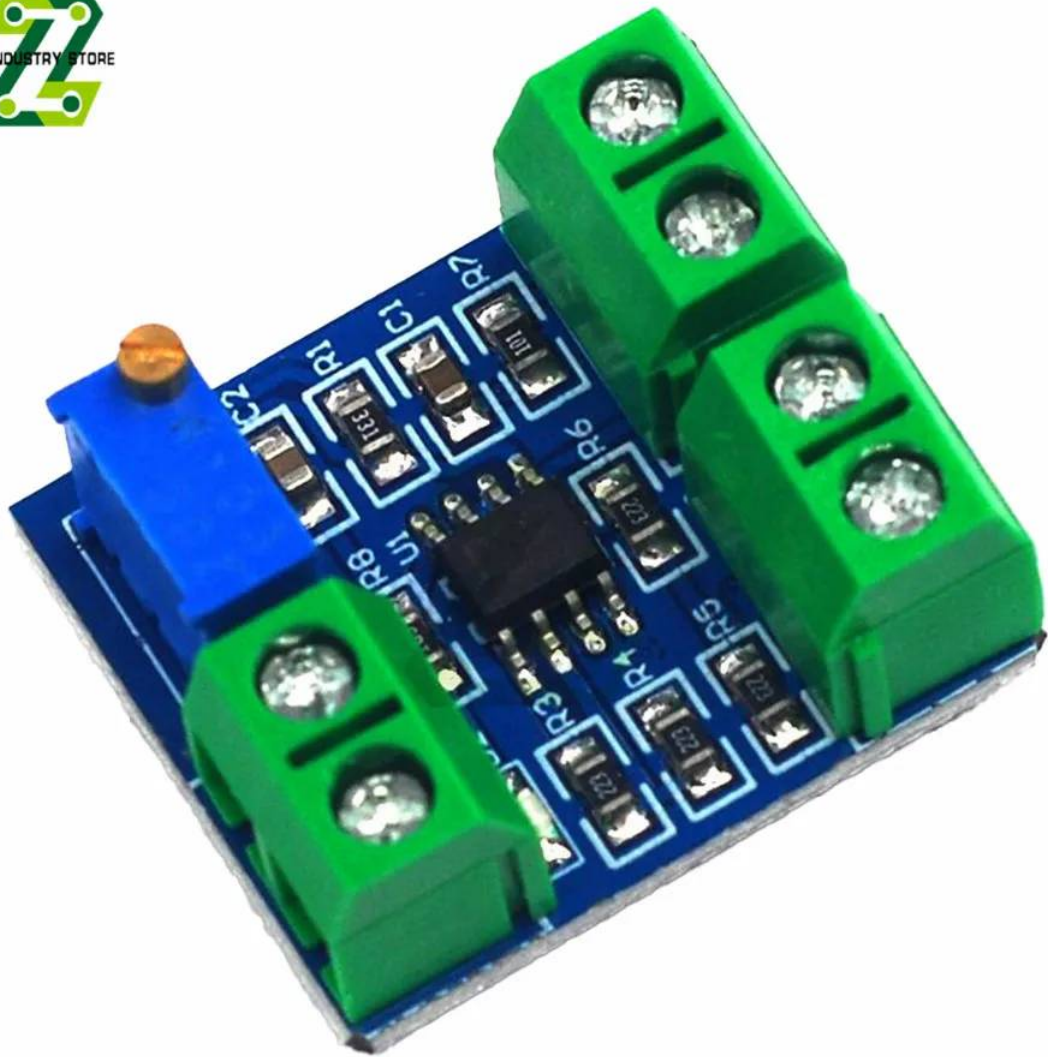
A controllable voltage is connected to the VIN terminal, the range is 0-5V, and there is a corresponding current output at the output terminal.

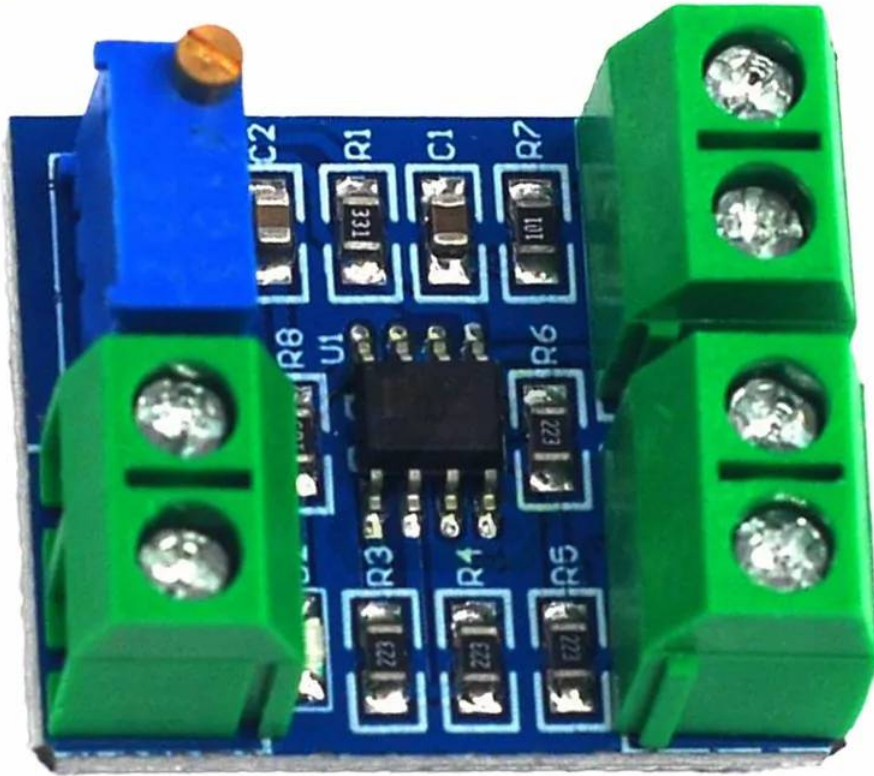
The corresponding relationship between voltage and current can be fine-tuned and calibrated by adjusting the potentiometer.

Package list:

Conversion module*1

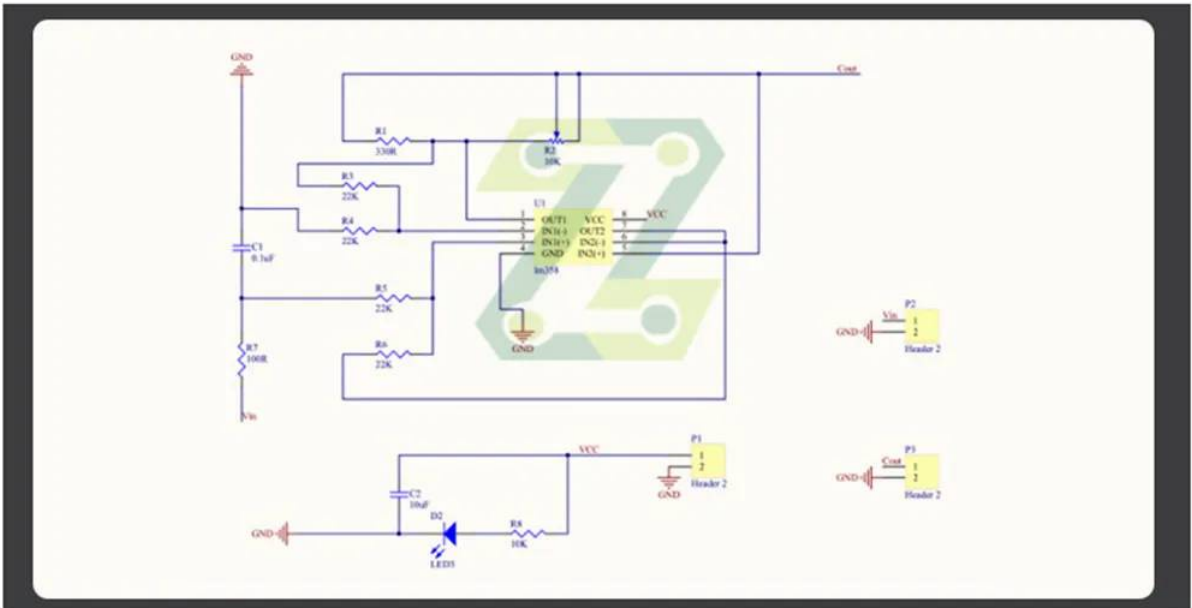






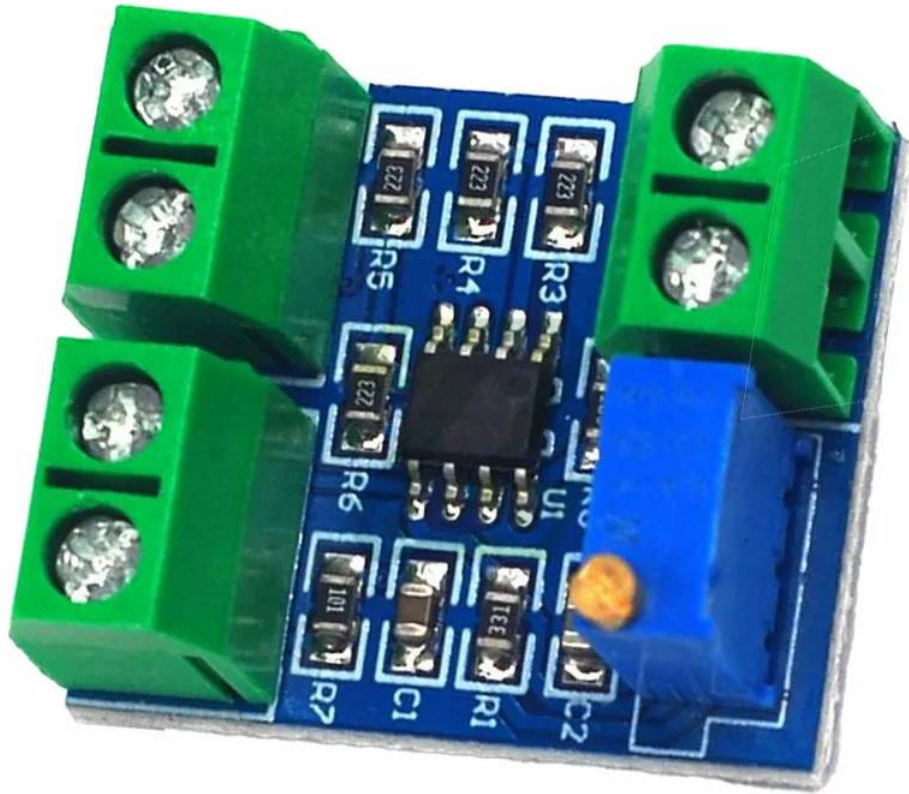


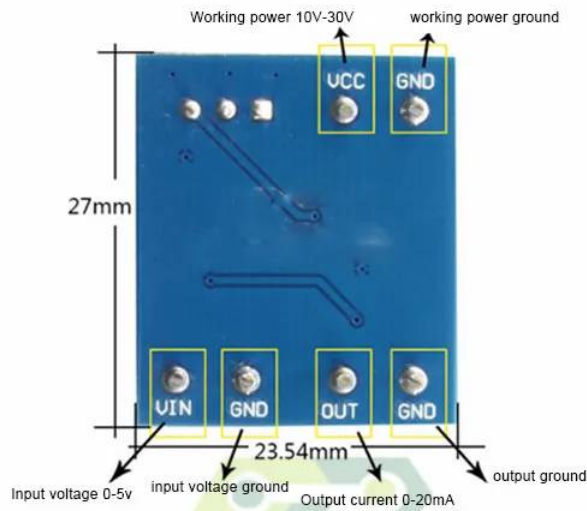
Product schematic











VCC: working power supply 10V-30V.

GND: Working power ground.

VIN: Input voltage 0-5V.

GND: Input voltage ground.

OUT: Output current 0-20mA.

GND: output ground.

Operation instructions: Connect the working voltage to vcc and GND, and do not connect it in reverse, so as not to damage the board and devices.

A controllable voltage is connected to the VIN terminal, the range is 0-5V, and there is a corresponding current output at the output terminal.

The corresponding relationship between voltage and current can be fine-tuned and calibrated by adjusting the potentiometer.