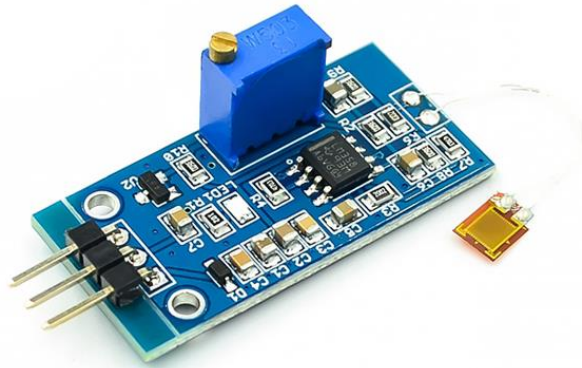


Strain Gauge Bending Sensor Module

Model: BF350-3AA/1.5AA



Overview:

The working principle of the resistance strain gauge is made based on the strain effect, that is, when the conductor or semiconductor material is mechanically deformed under the action of external force, its resistance value changes accordingly. This phenomenon is called "strain effect".

Attach the strain gauge to the object to be measured, so that it bends along with the strain of the object to be measured, so that the metal foil inside will bend with the strain. The resistance of many metals changes when they are mechanically bent.

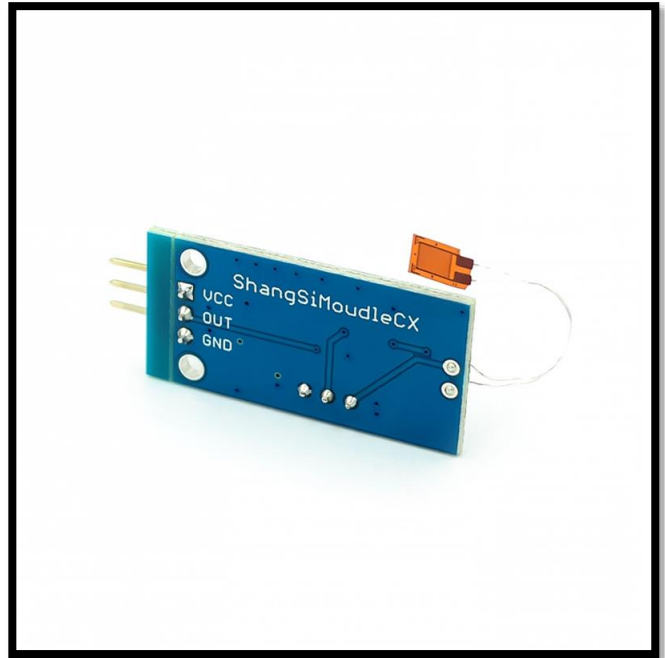
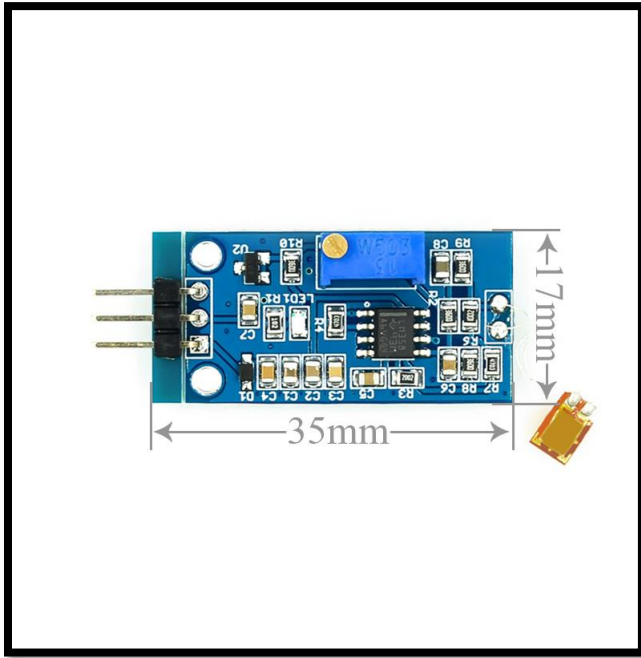
Features:

- Diode reverse protection~ (Prevent the power supply from being reversed)
- Blue LED power indicator on board
- Analog output
- Bending angle 0-30 degrees
- The greater the degree of curvature, the higher the output voltage
- With zero potentiometer
- The output starting voltage can be adjusted with a potentiometer
- Pin output definition printed on the back of the board

Specifications:

- Sensitivity factor: 2.0
- Strain: 2%
- Output analog voltage 0-3.5 V
- Grid wire: length x width 2x3.5mm
- Base size: length x width 5x4.5mm
- Base material: Modified phenolic base
- Barbed wire material: constantan
- Resistance: 350 ohms
- Fatigue Life: > 10 million times
- Flux: ordinary solder rosin
- Board size: 35x17 mm

Product Photos:



Made in China