

Bending Strain Gauge Sensor Module Y3 Weighing Amplifier Module

1.

Model: BF350-3AA / 1.5AA

Sensitivity factor: 2.0

Strain limit: 2%

Gate wire: length x width 2x3.5mm

Substrate dimensions: length x width 5x4.5mm

Base material: modified phenolic substrates.

Gate wire material: constantan

Resistance: 350 Ohm

Fatigue life: > 10 million times

Flux: Ordinary solder rosin

It works resistance strain gauge is based on the strain effect produced when a conductor or semiconductor material that is mechanical deformation under the action of external forces, the resistance value of the corresponding changes, a phenomenon known as "strain effect."

The strain gauges attached to the object to be measured, it is measured as the strain was bent together, so that the inside of the metal foil to bend with the strain. Many metal when mechanically bent its resistance changes.

2. Product Introduction

Voltage: 5V

Diode reverse protection ~ (against power reversed)

Board with a blue LED power indicator

Analog Output

Bending the greater the higher the voltage output

With zero potentiometer

You can adjust the potentiometer output starting voltage

The analog output voltage 0-3.5V

Board size: 32 X 17

Printed board behind the pin definitions