

Bend Sensor

Alpha's patented Bend Sensor can detect bend-radius movements via resistance output. It can be used for many applications. Different lengths and customization are available.

Features

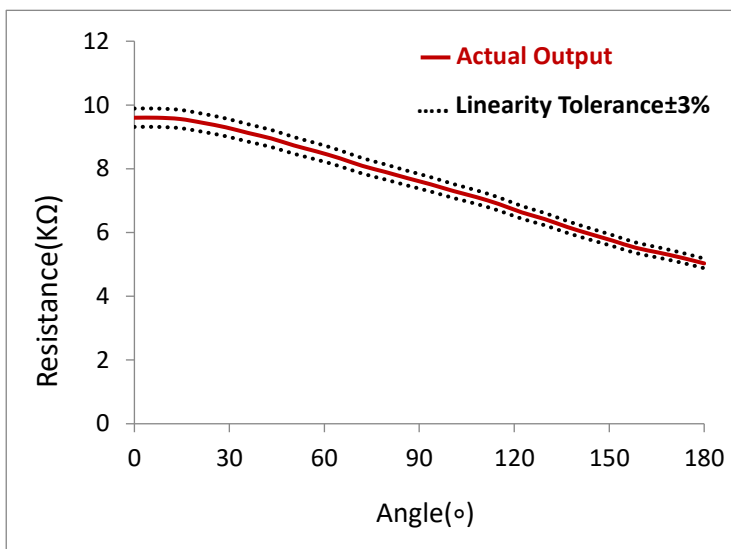
- Two-way bending detection
- High-resolution and durable
- Can be fixed on steady and flexible surfaces



Specification

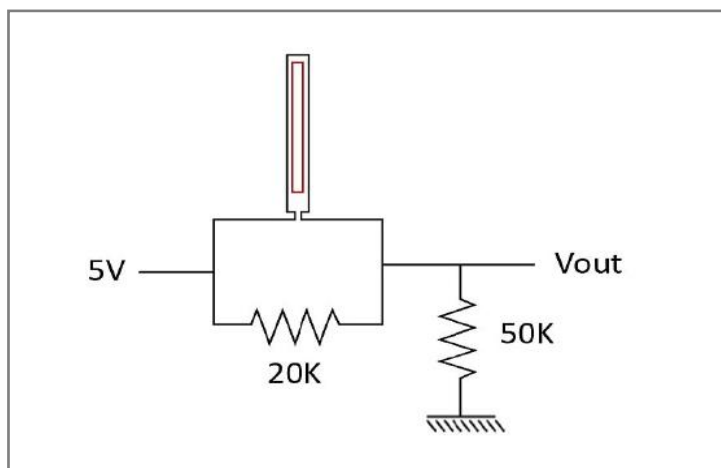
Angle range	0° ~ 180°
Resolution	< 3°
Actuation Angle	< 5°
Life cycle	> 1 million
Response Time	< 1ms
Operating Temp	-20° ~ 70°
Power Rating	1 Watt max. @25°C
Effective length	Customization is available

Linearity



*Repeatability: < ± 3%

Sample Circuit



Angle-Voltage curve

