

2.2" Bending sensor. The degree of bending of the sensor can be converted into a change in resistance value. The larger the bending, the higher the resistance.

This sensor can be used to make energy gloves, see the application link for details.

Note: Bending direction: The side with the word is the inner side when bent. Avoid bending the end pin portion (ie, the non-bending sensing portion) during use, otherwise it is likely to cause damage.

### Technical specifications

Straight resistance: 25K ohms

Resistance tolerance:  $\pm 30\%$

Bending resistance change: 60K~110K ohm

Rated power: 0.5 watt

Peak power: 1 watt

Bending life: >1 million times

Working temperature:  $-35^{\circ}\text{C} \sim +80^{\circ}\text{C}$

Length x width: 73.66x6.35mm

Interface type: 2-Pin metal pin (pitch 0.1")

The torsion sensor, 4.5" long, was used in an electronic glove. When the metal of the sensor is bent outward, the resistance of the sensor changes and the curvature can be detected.

Non-bending state resistance: ~9000 ohms

90 degree bending resistance: ~14000 ohms

180 degree bending resistance: ~22000 ohms

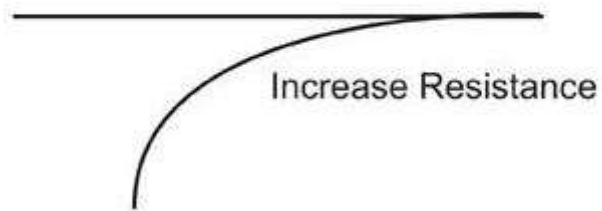
## 曲度-电阻曲线关系

Physical Dimensions:

Length 4.5"

Width .25"

Thickness .020



FLX-03

## 推荐电路

