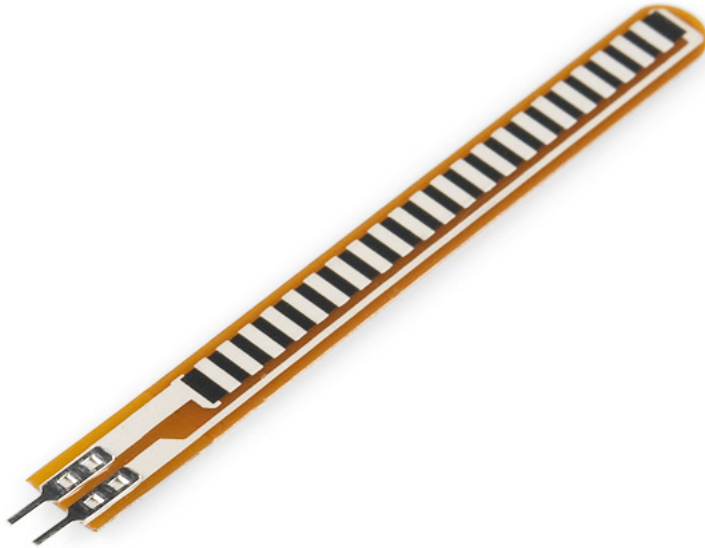




Flex Sensor 2.2"

SEN-10264 ROHS✓

★★★★☆ 5



\$7.95

1 quantity

250+ in stock

\$7.95 1+ units

\$7.55 25+ units

\$7.16 100+ units

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Check out our Volume Sales program

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Description: A simple flex sensor 2.2" in length. As the sensor is flexed, the resistance across the sensor increases. Patented technology by Spectra Symbol - they claim these sensors were used in the original Nintendo Power Glove. I love the Nintendo Power Glove. It's so bad!

The resistance of the flex sensor changes when the metal pads are on the outside of the bend (text on inside of bend).

Connector is 0.1" spaced and bread board friendly. Check datasheet for full specifications.

Note: Please refrain from flexing or straining this sensor at the base. The usable range of the sensor can be flexed without a problem, but care should be taken to minimize flexing outside of the usable range. For best results, securely mount the base and bottom portion and only allow the actual flex sensor to flex.

SparkFun Simple Sketches - Flex Sensor



Documents:

- Datasheet
- ITP Sensor Workshop
- Quickstart Guide
- Bildr Tutorial

Recommended Products



SPARKFUN RECOMMENDED
Flex Sensor 4.5"
SEN-08606
\$12.95
★★★★☆ 4



SPARKFUN RECOMMENDED
SparkFun Sensor Kit
DEV-13754
\$129.95



SPARKFUN RECOMMENDED
Flexiforce Pressure Sensor - 25lbs (1" area)
SEN-11207
\$24.95



SPARKFUN RECOMMENDED
Flexiforce Pressure Sensor - 100lbs.
SEN-08685
\$19.95
★★★★☆ 3

COMMENTS 25 **REVIEWS ★★★★★ 5** TUTORIALS 1

Customer Reviews

★★★★☆ 4 out of 5

Based on 5 ratings:

5 star	1
4 star	3
3 star	1
2 star	0
1 star	0

1 of 1 found this helpful:

★★★★☆ Really Easy to Use

about a year ago by Member #732175 verified purchaser

I thought I might need some special OpAmp circuit to get a decent range of readings from this. It turned out that my DMM set on reading resistance was more than adequate.

1 of 1 found this helpful:

★★★★☆ finally in my hands

about a year ago by Member #608163 verified purchaser

I got the sensor and perform the corresponding test. all in prefect condition. thank you.

1 of 1 found this helpful:

★★★★☆☆ The Base is poorly Designed

last year by Member #739711 verified purchaser

Right above the solder tabs, the very flexible base bends everytime the flex sensor is bent I.E. leading to high probability of it breaking. Apart from that its good.

1 of 2 found this helpful:

★★★★☆ Acceptable

last year by Member #738862 ✓ verified purchaser

The flex sensor worked well, but in my opinion both the sensor and the shipping was too expensive. About 11 dollars for a small sensor is too much.

★★★★★ Flex sensor

about 10 months ago by Member #510469 ✓ verified purchaser

surprisingly sensitive. I've been trying to sense movements in a solar collector with strain gauges. Whereas a strain gauge is far more stable and repeatable, this sensor changes value when flexed and needs little or no amplification for a detectable signal. I see why they are used in gaming gloves.
