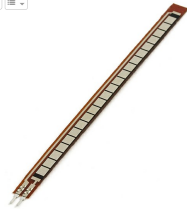


HOME

PRODUCT CATEGORIES

FLEX / FORCE

FLEX SENSOR 4.5"



Flex Sensor 4.5"

SEN-08606 ROHS

★★★★☆ 8

DESCRIPTION

DOCUMENTS

A simple flex sensor 4.5" 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.


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Flex Sensor 4.5" Product Help and Resources

TUTORIALS

SKILLS NEEDED



Flex Sensor Hookup Guide

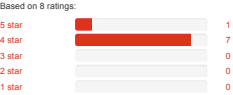
MAY 3, 2016

An overview of the flex sensor - a bendable variable resistor. Plus, example circuits and Arduino code to get you started!

COMMENTS 12 REVIEWS ★★★★★ 3

Customer Reviews

★★★★☆ 4.1 out of 5



Currently viewing all customer reviews.

★★★★☆ Pretty great
about 3 years ago by Member #576096

verified purchase

Although their readings to fluctuate and are sometimes inconsistent, they work how they are implemented. They are pretty flimsy and you can accidentally break the pins when you try to insert them on a breadboard. Other than that, with proper care and caution, they will provide you with the right readings for your projects. :)

★★★★☆ Awesome sensor, needs better connections
about 2 years ago by Member #726022

verified purchase

This sensor is amazing, definitely helped with my door security project, though the connection it has with the M/F Arduino jumper cables is quite poor. I eventually just took two alligator clips and attached them to male jumpers then to the flex sensor, which is not ideal. Other than that it's great!

★★★★☆ High Hopes For The 4.5" Flex Sensor
about 2 years ago by Member #769333

verified purchase

I am currently buried alive in another project at the moment, but I am SURE this will do the job just fine. It is "hush-hush" though...N.D.A. you understand. This is going to be fun!
The Sensor arrived fast and in great shape. I couldn't help myself and hooked it up to bet some base lines. Perfect for the application I ordered it for. Thank you for supplying it such a great price. I think I will buy MORE!
I know I will.....I'm off to my shopping cart!

★★★★☆ Love these little things
about 2 years ago by ubidefo

verified purchase

I've been using them for years, really interesting sensors for different applications. Watch your iron's temperature if you solder them (advised). The thin contacts part flexes very well but adding some soft wires will allow you to keep that part safe.

★★★★☆ Thats size, what cant find anywhere!
about a year ago by Member #86552

verified purchase

It is right price for this size flex sensor!!

★★★★☆ Essential part for my school project!
about a year ago by Member #89274

verified purchase

They work perfectly and they're quite resistant Thanks so much, Sparkfun!

★★★★☆ Small changes recommended - laminate sensor for structural integrity and provide jumper plugs
about 8 months ago by Member #1031617

verified purchase

Moderate flexing results in break between pins and sensor. Tried laminating the sensor to provide structural integrity, protect pins. Seems to work OK. Also, instead of pins why not provide solderless jumper plugs?

START SOMETHING

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In 2003, CU student Nate Seidle blew a power supply in his dorm room and, in lieu of a way to order easy replacements, decided to start his own company. Since then, SparkFun has been committed to sustainably helping our world achieve electronics literacy from our headquarters in Boulder, Colorado.

No matter your vision, SparkFun's products and resources are designed to make the world of electronics more accessible. In addition to over 2,000 open source components and widgets, SparkFun offers curriculum, training and online tutorials designed to help demystify the wonderful world of embedded electronics. We're here to help you start something.

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