

Linear SoftPot (Ribbon Sensor) - 100mm

PRODUCT ID: 178

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[DESCRIPTION](#)

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DESCRIPTION

Manufactured by Spectra Symbol, these are nice little ribbon controllers (also known as 'soft potentiometers') with an adhesive backing.

There is a nominal 10K resistance across the two outer leads. The middle pin resistance with respect to either of the outer pins changes depending on where on the strip one presses. When no pressure is applied, the middle pin floats, so be sure to use some sort of weak pullup, such as 100K ohm.

To use Connect one side pin to ground via a 10K resistor in series. Connect the other side pin to your Vcc power line (3V, 5V etc) via a different 10K resistor in series. Then read the analog voltage on the center pin. It will range from 1/3 Vcc to 2/3 Vcc . **Do not connect to Ground and Power directly!**

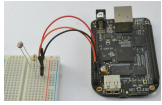
TECHNICAL DETAILS

Dimensions:

- Length: 140.6mm/5.54in
- Width: 20.50mm/0.81in
- Thickness: 0.023in



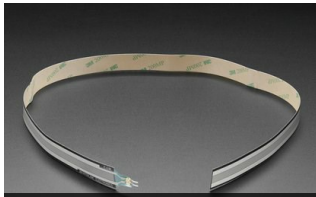
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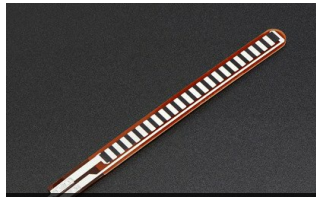
[Measuring Light with a BeagleBone Black](#)

Use a photoresistor to measure light with a BeagleBone Black

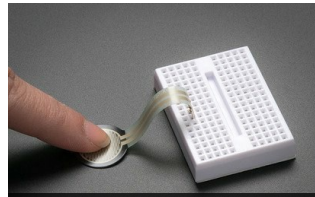
MAY WE ALSO SUGGEST...



Extra-long force-sensitive



Short Flex Sensor



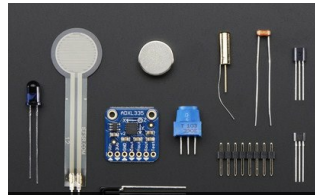
Round Force-Sensitive



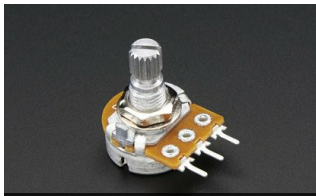
Muscle Sensor Surface



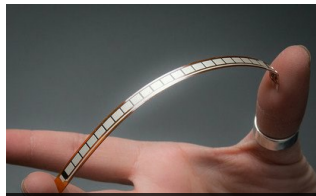
Square Force-Sensitive



Sensor pack 900



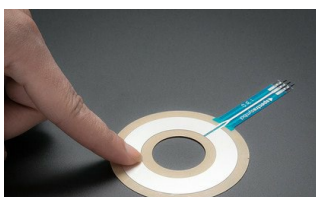
Panel Mount 1K



Long Flex sensor



Panel Mount 100K



Circular Soft Potentiometer

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Nikola Tesla

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