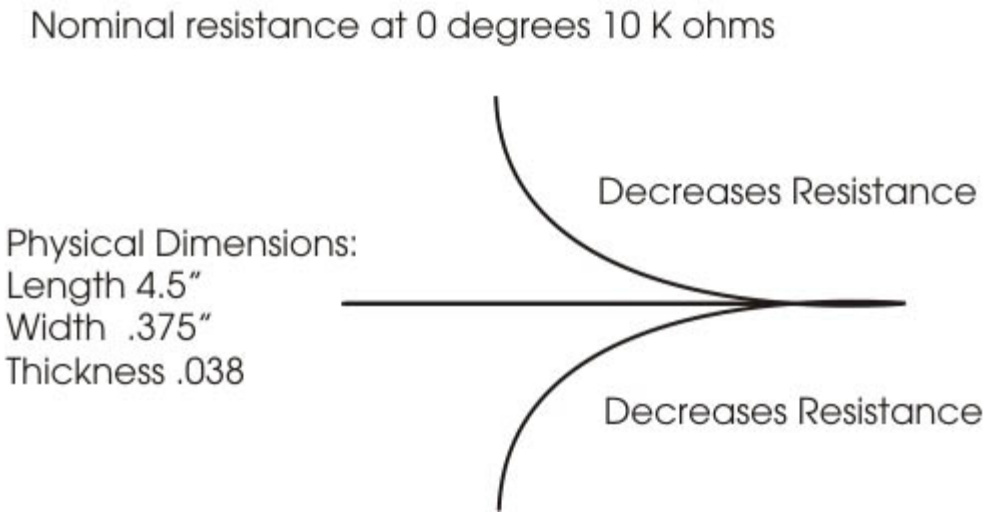
Two-Directional Bi-Flex Sensors™ - FLX-01

Images new bi-directional Bi-Flex Bend Sensor™ is a unique component that changes resistance when bent. An un-flexed sensor has a nominal resistance of 10,000 ohms (10 K). As the flex sensor is bent in either direction the resistance gradually decreases.
Sensor is also pressure sensitive, and may be used as a force or pressure sensor
The flex sensor operating temperature is -45F to 125F.

The sensor measures 3/8 inch wide, 4 1/2 inches long and only .038 inches thick!
To see the dimensions Click Here



Customer Projects
Interactive Learning Glove

Some applications for the Flex Sensor are:

- Collision detection on mobile robots
- VR Gloves and VR suits
- Physics applications and experiments

Available in three resistance ranges:

- **FLX-01-L** Low resistance range, nominal resistance between 1K - 20K
- **FLX-01-M** Medium resistance range, nominal resistance between 20K - 50K
- **FLX-01-H** High resistance range, nominal resistance between 50K - 200K