FSR402 0.5" Thin Film Force Sensor Pressure Sensor 100g-10kg for Arduino

Product Description

Sensing area: 0.5 circle

Output signal: Passive variable resistance

Force sensitive range: 100g to 10 kg

Lifetime: > 10 million actuations

Operating temperature -40 ° C to 85 ° C

Dimensions:

Overall length: 2.375"

Overall width: 0.75"

Sensing diameter: 0.5"

Description:

FSR402 a light weight, small size, high precision sensor, ultra-thin resistive pressure sensor.This kind of pressure sensor is to take place in FSR film sensor area pressure into the change of the resistance value, thus for pressure information.The lower the pressure, the greater the resistance.Allow its use in place of pressure 100 g – 10 kg.The terminal holder sensor can be used in the manipulator with or without holding items, bionic robot first step walk the ground sensors, mammals bite test of biological experiments, application scope and widely.