

SEN-PRESSURE10

Thin-film pressure sensor for 0-10 kilograms



This pressure sensor works by means of analog resistance detection, when external pressure is applied to the sensor, the resistance and thus the voltage of the analog signal changes. The sensor is highly sensitive, and the sensor strip is waterproof and flexible.



MAIN FEATURES

Measurement range	0 - 10 kilograms
Thickness of thin-film strip	< 0.25 mm
Application areas	robotic, microcontroller projects
Compatible with	Raspberry Pi, Arduino, etc.
Special features	High sensitivity and flexibility, water-proof sensor strip, no electrostatic discharge or magnetic interference
Dimensions	75 x 20 x 9 mm
Items delivered	SEN-Pressure10

FURTHER SPECIFICATIONS

Output	Analog voltage value
Response point of weight	< 20 grams
Accuracy	± 2,5%
Response time	< 1 ms
Recovery time	< 15 ms
Pins:	
+	Power supply 3.3 - 5V
I	Ground
S	Analog Output
Durability	> 100'000 measurements
Operation temperature	-20 - 60 ° C

FURTHER DETAILS

Article No.	SEN-Pressure10
EAN:	4250236820019
Customs Tariff No.	8473302000