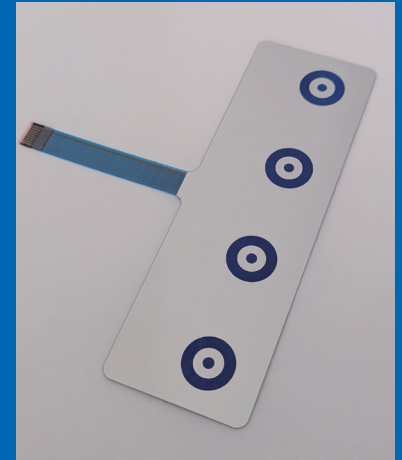


Pressure-Sensitive Sensor

Now in Development

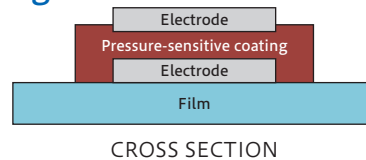
» SUMMARY

A thin, flexible, pressure-sensitive sensor made from functional organic materials has been developed using NOBLE's proprietary ink and screen printing technology.



» FEATURES

- 1 Consists of only one film
- 2 Using only the printed coating enables pressure sensing
- 3 Customization is possible



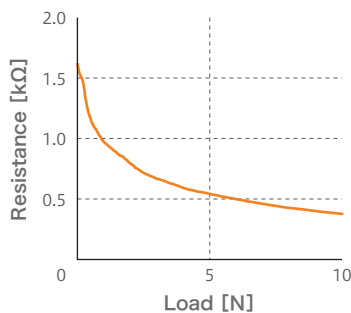
» PRODUCT APPLICATIONS

- Tactile sensors
- Electronic musical instruments
- Load detection

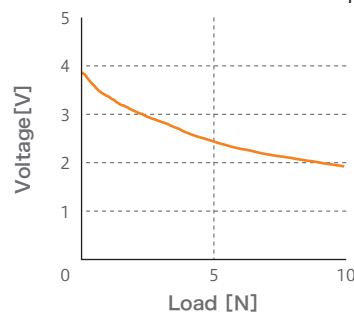


» REFERENCE SPECIFICATIONS AND CHARACTERISTICS

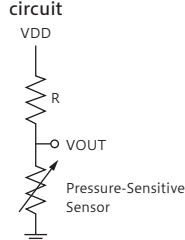
Load-Resistance Characteristic Diagram



Load-Voltage Characteristic Diagram



Measurement circuit



- Sensing area: $\Phi 8\text{mm}$
- Total thickness: From 0.1mm
- Durability: 100,000 cycles