

Force Sensor



Improved from standard membrane force sensors, ALPHA's new proprietary design will yield greater resolution under high-pressure ranges and enhance the overall sensitivity for fitness wearable products.

Features

- Ultra-thin
- Flexible and sealed properties
- Customization available
- Improved resolution under high- pressure



Specification

Actuation	0.3 bar
Sensitivity Range	0.3~10 bar
Repeatability (Single Part)	± 5%
Repeatability (Part To Part)	± 20%
Resolution	Continuous (Analog)
Response Time	< 1 ms
Life Cycle	> 1 million
IP Level	IP67

Pressure-Resistance Curve comparison

