# Membrane Pressure Sensor



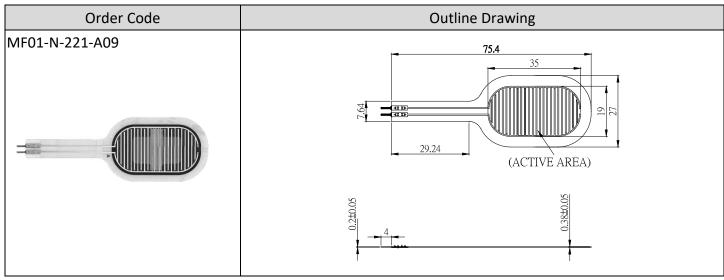
## 35\*19mm Active Area

## **Application**

✓ Fitness, sport, wearable and many applications.

## **Feature**

✓ Ultra-thin, flexible and sealed properties; improved resolution under high-pressure.

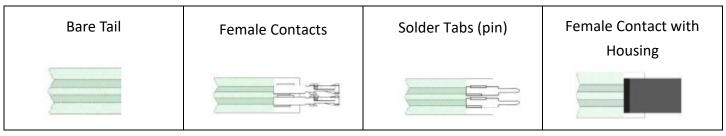


<sup>\*</sup>Sensor loaded through an actuator more than or equal to active area.

#### **SPECIFICATION**

MODEL	MF01-N-221-A09
PRESSURE SENSITIVITY RANGE	3 ~ 45 kg (29~450N)
ACTIVE AREA	35mm*19mm
FORCE REPEATABILITY (SINGLE PART)	±5%
FORCE REPEATABILITY (PART TO PART)	±20%
FORCE RESOLUTION	Continuous(Analog)
STAND-OFF RESISTANCE (UNLOADED)	>20MΩ
RESPONSE TIME	<1ms
OPERATING TEMPERATURE	-20°C to +70°C
LIFE CYCLE (WITHOUT FAILURE)	>1 Million

#### **CONNECTOR OPTIONS**



Design and specifications presented here are for the standard parts only. Please kindly contact us for your special requests and ask for the current technical specifications before purchase and/or use.

Contact: sales@taiwanalpha.com