

Membrane Force Sensor



28mm Circle Active Area

Application

- ✓ Fitness, Medical, Industrial and many others

Feature

- ✓ Ultra-thin, with better performance at heavier measurement

Order Code	Outline Drawing
MP01A-N-221-A01	

INSPECTION ITEM	SPECIFICATION
FORCE SENSITIVITY RANGE	1000g ~ 45000g (10N ~ 450N)
FORCE RESOLUTION	Continuous (Analog)
STAND-OFF RESISTANCE (UNLOADED)	>20MΩ
FORCE REPEATABILITY (SINGLE PART)	2%
FORCE REPEATABILITY (PART TO PART)	10% (Single batch)
RESPONSE TIME	<1ms
LIFE CYCLE (WITHOUT FAILURE)	>5 Million
OPERATING TEMPERATURE	-30°C to +85°C

Specification based on 9kg actuator measurement, one standard deviation / mean.

CONNECTOR OPTIONS

Bare Tail	Female Contacts	Solder Tabs (pin)	Female Contact with Housing

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.