

# Membrane Force Sensor



10.2mm Circle Active Area

## Application

✓ Fitness, Medical, Industrial and many others

## Feature

✓ Ultra-thin, Flexible and sealed properties, Velocity-sensitive

Order Code	Outline Drawing
MF01-N-221-A04	

## SPECIFICATION

MODEL	MF01-N-221-A04
FORCE SENSITIVITY RANGE	10g ~ 1000g (0.1N ~ 9.8N)
ACTIVE AREA	φ 10.2mm
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

Bear 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.