Membrane Force Sensor



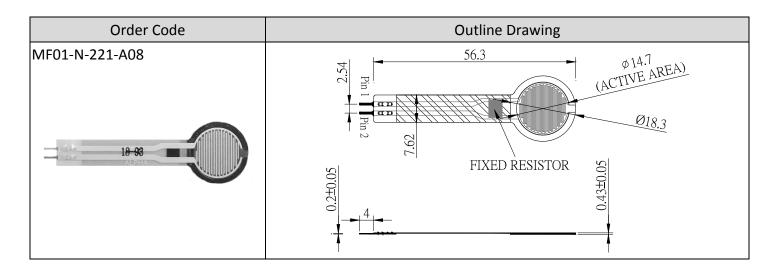
14.7mm Circle Active Area (Pre-load Version)

Application

✓ Fitness, Medical, Industrial and many others

Feature

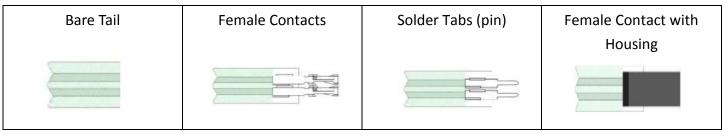
✓ Ultra-thin, Flexible and sealed properties, Velocity-sensitive



SPECIFICATION

MODEL	MF01-N-221-A08
FIXED RESISTOR	50K±15%
FORCE SENSITIVITY RANGE	30g~1000g (0.3N~9.8N)
ACTIVE AREA	arphi 14.7mm
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.

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