Membrane Force Sensor



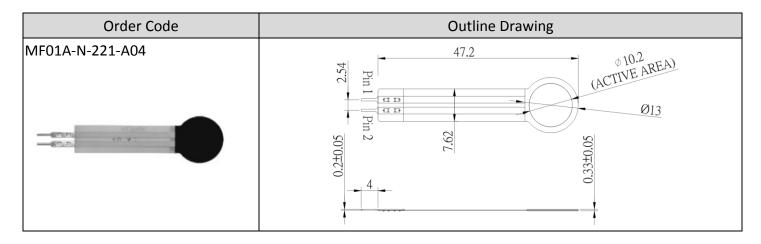
10.2mm Circle Active Area

Application

✓ Fitness, Medical, Industrial and many others

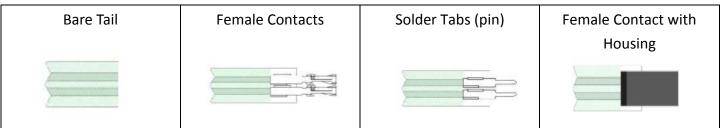
Feature

 \checkmark Ultra-thin and Flexible, with better performance at high temperature, humidity and repeatability.



INSPECTION ITEM	SPECIFICATION
FORCE SENSITIVITY RANGE	10g∼1000g (0.1N∼9.8N)
FORCE RESOLUTION	Continuous(Analog)
STAND-OFF RESISTANCE (UNLOADED)	>20ΜΩ
FORCE REPEATABILITY (SINGLE PART)	2%
FORCE REPEATABILITY (PART TO PART)	5%
RESPONSE TIME	<1ms
LONG TERM DRIFT	<10% log10(time)
HYSTERESIS	10%
LIFE CYCLE (WITHOUT FAILURE)	>5 Million
OPERATING TEMPERATURE	-30°C to +85°C
HIGH HUMIDITY STORAGE	+70°C, 85%RH x 96hrs
HIGH TEMPERATURE STORAGE	+85°C x 120hrs
LOW TEMPERATURE STORAGE	-30°C x 120hrs

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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