Membrane Force Sensor



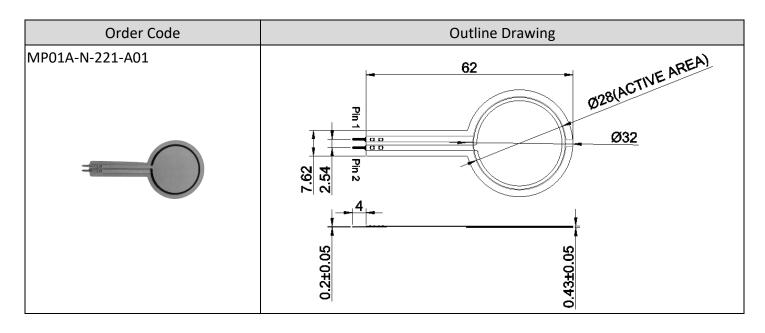
28mm Circle Active Area

Application

✓ Fitness, Medical, Industrial and many others

Feature

✓ Ultra-thin, with better performance at heavier measurement



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
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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