Membrane Force Sensor



14.7mm Circle Active Area

Application

✓ Fitness, Medical, Industrial and many others

Feature

✓ Ultra-thin, Flexible and sealed properties, Velocity-sensitive, without adhesive

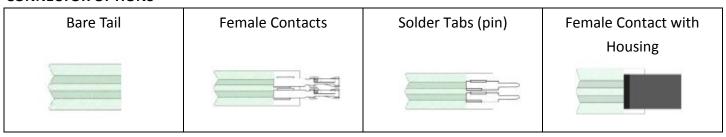
Order Code	Outline Drawing
MF01-N-221-A03	56.3 ©14.7 ACTIVE AREA) O18.3 018.3

SPECIFICATION

MODEL	MF01-N-221-A03
FORCE SENSITIVITY RANGE	30g~1000g (0.3N~9.8N)
ACTIVE AREA	arphi 14.7mm
FORCE REPEATABILITY (SINGLE PART)	±2%
FORCE REPEATABILITY (PART TO PART)	±10%
FORCE RESOLUTION	Continuous(Analog)
STAND-OFF RESISTANCE (UNLOADED)	>20MΩ
RESPONSE TIME	<1ms
OPERATING TEMPERATURE	-20°C to +70°C
LIFE CYCLE (WITHOUT FAILURE)	>5 Million

Specification based on 1kg actuator measurement, one standard deviation / mean.

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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