

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

| Order Code | Outline Drawing |
|----------------|-----------------|
| MF01-N-221-A08 | |

SPECIFICATION

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

| Bare 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.