

INSOLE PRESSURE SENSOR



With 8 pressure sensing cells

Application

- ✓ Balance training, Rehabilitation, Health and Sports, Wearable and many applications.

Feature

- ✓ Ultra-thin and flexible
- ✓ Improved resolution under high-pressure.

Order Code	Outline Drawing
MF18-N-0A8-A01	<p>The outline drawing shows a foot-shaped sensor with 8 active areas (hatched). Dimensions are: total width 87.74, total height 236.78, heel width 51.5, heel height 138.53, and a thickness of 0.38±0.05. A legend indicates the hatched areas are 'Active area'. Tolerances of ±0.2 are shown for the heel width and thickness.</p>

SPECIFICATION

MODEL	MF18-N-0A8-A01
PRESSURE SENSITIVITY RANGE (EACH FOOT)	30 kg ~ 100 kg (290N ~ 980N)
FORCE REPEATABILITY (SINGLE PART)	±5%
FORCE REPEATABILITY (PART TO PART)	±30%
FORCE RESOLUTION	Continuous(Analog)
STAND-OFF RESISTANCE (UNLOADED)	>20M Ω
RESPONSE TIME	<1ms
OPERATING TEMPERATURE	-20°C to +70°C
LIFE CYCLE (WITHOUT FAILURE)	> 1 million

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.