



DESCRIPTION

Multi Axis Load / Force Sensor

Designed for measurement in X, Y & Z direction.



APPLICATIONS

- Automotive Industries
- Aerodynamic Research
- Medical Instruments
- Industrial Test Benches

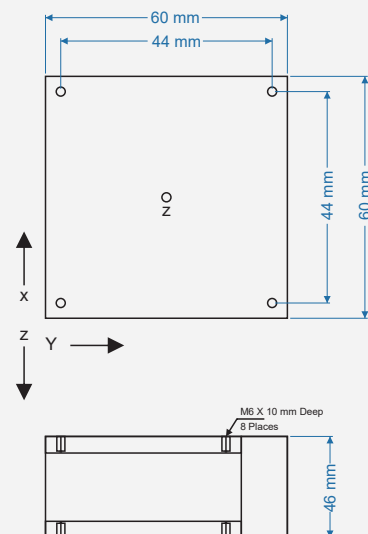


KEY FEATURES

- Compact Multi-Component Sensor
- Can Measure Three Axis Force in X, Y, Z Direction
- Available in Custom Dimension & Capacity
- IP65 Grade Environmental Protection.
- Aluminium & Tool Steel Construction

SPECIFICATION

Rated Capacity (Kgf)	: 20, 30
Excitation Voltage	: 10 VDC-Maximum 15 VDC
Rated Output	: 1.2 mV/V in X & Y axis. 1.4 mV/V for Z axis
Non - Linearity	: $\leq \pm 0.5\%$ FSO (Full scale Output)
Hysteresis	: $\leq \pm 0.5\%$ FSO
Non-Repeatability	: $\leq \pm 0.2\%$ FSO
Creep error (30 minutes)	: $\leq + 0.05\%$ FSO
Zero Load Output	: $\pm 1.0\%$ FSO
Bridge Resistance	: 350 ± 10 Ohms
Insulation Resistance	: > 2000 Mega Ohms
Safe Overload	: 100 % of Rated Capacity
Temperature Compensated Range	: 10° to 60° C
Temperature Effect at Full Load	: $< 0.05\%$ FSO/ $^\circ$ C
Temperature Effect at Zero Load	: $< 0.05\%$ FSO/ $^\circ$ C
Environment Protection	: IP65
Finish & Construction	: Aluminium



All Dimensions are in mm



ADI CONTROLS

1B, 1C Por Industrial Park, Behind Sahyog Hotel, Por 391243, Dist.: Vadodara (India)



www.adicontrols.com



sales@adicontrols.com



+91 9328579990