

Monad Electronics

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Introduction



Winner of National Award for year 2009-2010 in R&D

Monad Electronics is An ISO 9001:2015 certified company, which has been involved for over 20 year in the business of designing, manufacturing and export of Electronic Industrial products, Testing equipments , sensors and related indicating and controlling devices and allied products related to Data logging & Acquisition.

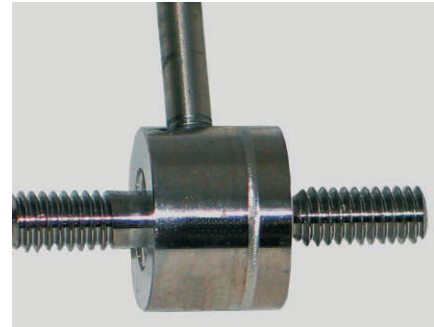
Monad is specialized in providing high end and high accuracy customized Force Transducers, Multi-Axial Force Transducers and Torque Sensors. Monad is an expert in providing import substitutes of high end Load Cells, Safe Load Indicators, etc

We are supplying to leading industries and government institutions and are also exporting our products to USA, Germany, Belgium, Turkey, Australia, U.A.E., Singapore, Spain, Brazil, New Zealand, Philippines, UK, Croatia and to the African countries.

The Monad's compression-Tension Load cell is designed as the ultimate solution for Low Capacity applications some difficult applications with critical height for safety reasons. The Load Cell's performance even when the side force inevitably exists in normal operations. The typical example for side force resistance is the applications in motor truck scales. Load cell is constructed of alloy steel and fully potted with special chemical compounds to IP67 providing excellent protection against moisture and humidity.

FEATURES

- # Very Small In Size
- # Stainless steel construction
- # Used in both tension and compression
- # Strain gauge technology
- # Light Weight
- # Accessories and related instruments available



SPECIFICATIONS:-

Rated Output	2mV/V
Non Linearity	$\pm 0.5\%$ of R.O.
Hysteresis	$\pm 0.5\%$ of R.O.
Non Repeatability	
$\pm 0.1\%$ of R.O.	
Excitation Voltage	10 Volt
Bridge Resistance	350 Ω nom.
Safe Over Load	150% of R.O.
Material	Stainless Steel
Weight (Approx.)	10Gram
Operating Temperature	
Compensated Temperature	
Temperature Shift Zero	$\pm 0.02\%$ of R.O./ $^{\circ}\text{C}$
Temperature Shift Span	$\pm 0.02\%$ of R.O./ $^{\circ}\text{C}$
IP Rating	IP67