
Monad Electronics

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Monad Electronics, India

Introduction

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

Monad Electronics is An ISO 9001:2015 certified company, which has over the last 15 years been involved in the business of Exporting, designing and manufacturing, Electronics Industrial products, Testing equipments, sensors and related Indicating and controlling devices and allied products related to Data logging & Acquisition.

We are specialized in providing consultancy for itemized engineering Testing and Projects.

We are also interested in taking-up project development, recommending and mfg. sensing and related components, service providing in installation & commissioning.

We are in this field from last 15 years and also Exporting our products to USA, Germany, Belgium, Turkey, Australia, UAE and African countries. We have good track record of import substitute high end equipment development and supplying to leading Industries and government institutes.



High Capacity Compression LOAD CELL

MN-HX-LD5

The MN-HX-LD5 are High Capacity general purpose load cells suited equally for Force Measurement and Weighing applications.

With their rugged construction and design, these load cells are ideal for applications such as Compression force/Load measurement, Tank/Hopper weighing, testing machines. These series, with their all Alloy steel construction and environmental protection, have proved reliable in tough industrial applications.



High Capacity Compression LOAD CELL

MN-HX-LD5

Features

- Accurate, robust and very good long term stability
- Option for Dynamic monitoring
- Sealed to IP67/68
- Loads in pull-out tests on trial anchors
- Effects of uneven and eccentric loads are minimised
- Resistant to corrosion
- Capacities 100T to 5000T
- High Accuracy, Low Creep also available in Stainless Steel construction



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MN-HX-LD5



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MN-HX-LD5

SPECIFICATIONS

Rated Capacity	100T to 5000 T
Strain gauge Bridge Configuration	4XFull Bridge
Rated Output	2mV/V \pm 0.1 mV/V
Accuracy	\leq 0.25% of Rated Out put
Combined Error	\pm 0.5% of Applied Load
Repeatability	\pm 0.5% of Rated Out put
Hysteresis	\pm 0.5% of Rated Out put
Zero Balance	\pm 1.0% of Rated Out put
Temperature Effect On Zero Balance	\pm 0.1% of Rated Out put/ $^{\circ}$ C
Temperature Effect On Span	\pm 0.1% of Applied Load/ $^{\circ}$ C
Compensated Temperature Range	\geq -10 $^{\circ}$ C To +50 $^{\circ}$ C
Operating Temperature Range	\geq -20 $^{\circ}$ C To +70 $^{\circ}$ C
Storage Temperature Range	\geq -20 $^{\circ}$ C To +70 $^{\circ}$ C
Humidity	90%RH @50 $^{\circ}$ C
Safe Over Load	\geq 150% of Rated Capacity
Unlimited Overload	\geq 300% of Rated Capacity
Excitation, Recommended	5/10 Volt DC \pm 5%

