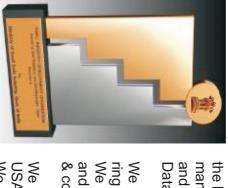


Monad Electronics

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Introduction



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

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

We are specialized in providing consultancy for itemized engineering Test ring and Projects

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

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

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

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



Features

Sealed to IP67/68 Option for Dynamic monitoring Accurate, robust and very good long term stability

Effects of uneven and eccentric loads are minimised Loads in pull-out tests on trial anchors

Capacities 100T to 5000T Resistant to corrosion

High Accuracy, Low Creep also available in Stainless Steel construction







SPECIFICATIONS

Rated Capacity Safe Over Load Storage Temperature Range Combined Error Accuracy Rated Output Strain gauge Bridge Configuration Unlimited Overload Humidity Operating Temperature Range Compensated Temperature Range Hysteresis Repeatability Excitation, Recommended Temperature Effect On Span Temperature Effect On Zero Balance Zero Balance

≥ 300% of Rated Capacity 5/10 Volt DC±5% 90%RH @50°C ≥ -10°C To +50°C ± 0.1% of Applied Load/°C $\pm 0.1\%$ of Rated Out put/°C ± 0.5% of Rated Out put ± 0.5% of Applied Load 4XFull Bridge $2mV/V \pm 0.1 mV/V$ ≥ 150% of Rated Capacity ± 1.0% of Rated Out put ≥ -20°C To +70°C ≥ -20°C To +70°C $\pm 0.5\%$ of Rated Out put $\leq 0.25\%$ of Rated Out put 100T to 5000 T