
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.

EOT/HOT Crane Weighing/Safety System

Monad's dynamometers, load cells, hanging scales and crane scales are for load, tension, force measurement, weighing during lifting, load testing and overload prevention.

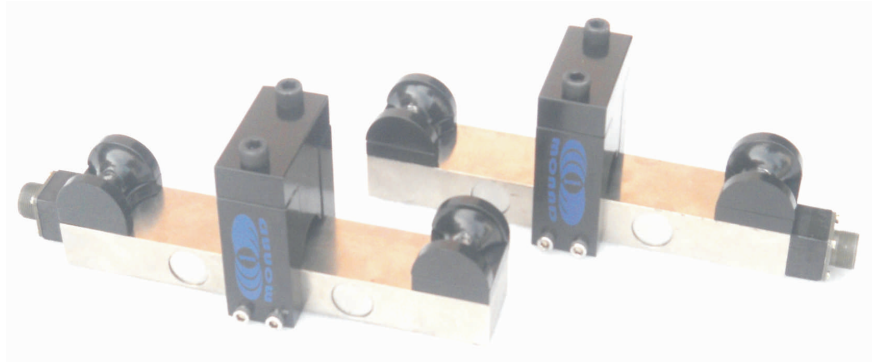
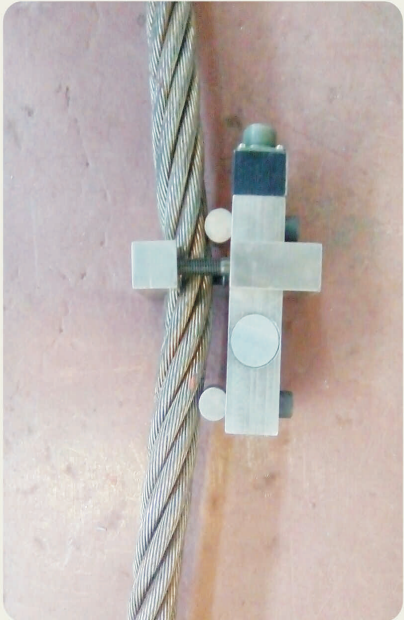
During the past 20 years, Monad's crane scales, hanging scales, dynamometers, load cells and overload detectors have gained international recognition for their high quality, reliability, compact dimensions & unique features which ensure the user's safety and convenience.

The best raw materials and components together with the highest standards of manufacturing are matched to Monad Rope Clamp Load Cell leading technology. All Monad products are produced to match nationally and internationally recognized standards.

ROPE CLAMP LOAD CELL

Features

- # The clamp-on design makes it ideal for installing on new and existing cranes or winches.
- # Accommodates rope sizes from 6 to 65 mm.
- # Manufactured from Alloy Steel
- # IP67 protection ensures long operational life in indoor and outdoor applications.
- # Unique design allows hydraulic hose to be fitted over the cable to protect from mechanical damage.
- # Easy fit installation clamps on with 2 bolts.
- # Cost effective solution for crane overload systems.
- # Standard load cell output connects to standard load cell instrumentation
- # Over All System accuracy better than $\pm 3.5\%$.



SPECIFICATIONS

Capacity: 3 models available	6-10 mm rope dia 11-16 mm rope dia 17-22 mm rope dia
Output:	2 mV/V nominal
Zero balance	±1% of full scale
Creep (1 hour)	< 0.05% of full scale
Non-linearity	< 0.03% of full scale
Hysteresis	< 0.03% of full scale
Repeatability	< 0.02% of full scale
Operating temperature range	0°C to 80°C
Compensated temperature range	0°C to 40°C
Safe overload	1.5 x capacity
Insulation resistance	> 2,000 M"
Recommended excitation	10V DC
Maximum Excitation	15V DC
Cable length:	6m length cable, 4 core shielded
Material	Alloy tool steel, nickel plated