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# 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.

## PEDAL FORCE TRANSDUCER

Pedal force transducers are used for measurement of force exerted on the brake, clutch AND acceleration pedal

The MONAD Pedal force transducer mounts quickly and easily . The sensor can be used with brake/clutch/acceleration test or directly during normal driving. Pedal force transducer are independent of the angle of the activation force.

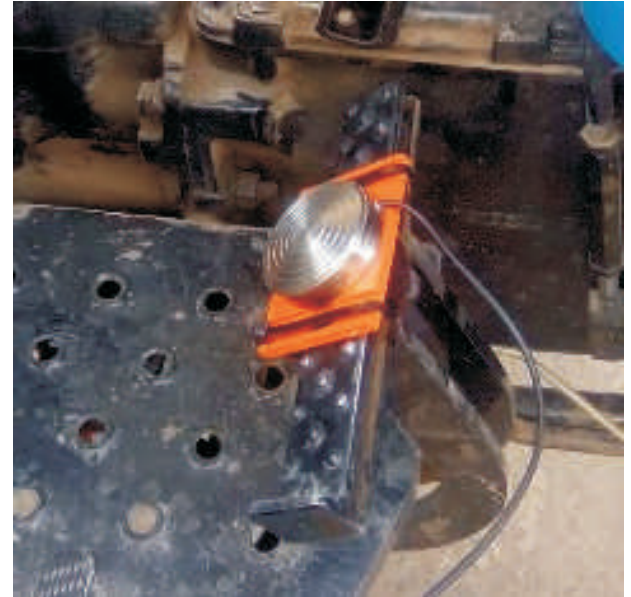
### CAPABILITIES:

- # Determine force exerted on the pedal during tests.
- # Record the pedal force independent of the angle of activation.
- # Applicable for use with standard test stands and for normal driving.

## PEDAL FORCE TRANSDUCER



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## TECHNICAL SPECIFICATIONS:

Rated Output	2mv/V
Safe Over Load	150% of RO
Zero Balance	+0.05% of RO
Excitation	10 V DC maximum
Non Linearity	+0.01% of RO
Non Repeatability	+0.01% of RO
Hysteresis	+0.02% of RO
Temperature shift Zero	+0.01% of RO/°C
Temperature shift Span	+0.02% of Load/°C
Compensated Temperature	-10 to 50 °C
Operating Temperature	-20 to 60 °C
Construction material	
Load cell :	Steel alloy, Stainless Steel
Mounting Plate	Aluminum Alloy
Sensor Sealing	IP67