
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.

FLUID DAMP LOAD CELL

Model **FDM11** is specifically designed to be used where fast acquisition of a stable load signal is required. The model FDM11's unique fluid damping system allows the loadcell to be used in applications that previously required the use of LVDT's or similar types of measuring devices.

The model FDM11 brings load cell adaptability into check weighing and grading applications. Sealed to IP66 level and available in coated steel or stainless steel, the model FDM11 is suitable for most wash-down applications.

APPLICATIONS

- Multi-head filling machines
- Check weighing
- Grading machines
- Liquid filling
- Dynamic weighing

FLUID DAMP LOAD CELL



FLUID DAMP LOAD CELL

FEATURES

- Capacities 2 - 50kg
- Painted steel construction
- IP66 protection
- Available with metric and UNC threads

OPTIONAL FEATURES

- Stainless steel construction
- Digital version available

FLUID DAMP LOAD CELL

Rated Output-R.o.	2 mV/V
Rated Output Tolerance	0.2 mV/V
Zero balance	0.1 mV/V
Zero Return, 30 min.	0.030 % of applied Load
Total Error	0.030 % of rated output
Temperature Effect On Zero	0.0025 % of rated output/ C
Temperature effect on output, unbalanced	0.00810 % of Load/ C
Temperature Range, Compensated	-10°C to +40°C
Temperature Range, Safe	-20°C to +70°C
Maximum Safe Central Load	150% of R.C.
Ultimate central overload	200% of R.C.
Excitation, recommended	10 Vdc or Vac rms
Excitation, maximum	15 Vdc or Vac rms
Input Impedance	415+15 ohms
Output impedance	350+3 ohms
Insulation Resistance	>1000 mega-ohms
Cable Length	15 meters
Cable Type	4 Wire
Construction	Stainless steel
Environmental protection	IP68