
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.

PRESSURE SENSOR

MONAD manufactures a wide range of absolute, gauge, and true gauge pressure sensors. All of these pressure sensors are manufactured as standard, modified standard, and custom transducers to provide fast delivery.

MONAD Pressure Sensor

- * 10 inches of water (2.5 mBar) up to 200,000 psi (14,000 Bar).
- * Miniatures the size of your fingernail
- * Unamplified, amplified, and digital output
- * Sub Sea
- * Flush Mount
- * Superior long term stability
- * 4-20mA/0-10V Output

MONAD is among a handful of companies offering pressure sensors that can measure pressure up to 200,000 psi with superior accuracy and reliability. Foil based strain gauge technology enables our pressure sensors to withstand pressure that would destroy silicon based or micromachined pressure sensors.

The Model MPS-01 strain gauge pressure sensor measures pressure up to 60,000 psi with +/-0.1% accuracy.

For ranges up to 100,000 psi, we offer the Model MPS-02 with 0.5% accuracy and operating temperature range from 0 to 250 degrees Centigrade.

For your most demanding applications, we use a hoop-stress design and special metal alloys to custom-build pressure transducers that measure up to 200,000 psi safely, reliably, and with 0.75% accuracy.

Typical applications for these tough, reliable high-end instruments are in oil-field geology and aerospace research and development.

Our high pressure sensors offer optional compensated temperature ranges from 0 to 250 degrees Centigrade, with either millivolt or high-level outputs. Versions certified for hazardous environments are also available.

AMPLIFIED MINIATURE PRESSURE TRANSMITTER MAP-05

The MAP-05 is a versatile, flush diaphragm, miniature pressure transducer which delivers a high-level, internally-amplified 1-5VDC, 1-10VDC, or 4-20mA output signal. The MAP-05 is fully welded from Space grade stainless steel and hermetically sealed, making it a solid performer in harsh or corrosive environments.



