Wide Range, OEM and Customised Solutions for Measurement of:

- Pressure
- Level
- Load
- Displacement
- Tilt & Angle
Leading Supplier of:

1. Pressure transducers
2. Level sensors
3. Load cells
4. Displacement sensors
5. Tilt & Angle
6. Signal conditioners
7. Demec Strain Sensor
8. OEM & Custom designs

Applications in:

Water & Wastewater
Automation & Robotics
Chemical & Process
Construction
Mining

R&D
Marine
Aerospace
Food & Beverage
Transportation
...

www.MeasureX.com.au
MeasureX offers a wide range of industrial pressure sensors which are designed to address customer measurement challenges in hydraulics and pneumatics; water and wastewater; HVAC; OEM compressors and pumps; refrigeration systems; oil and gas; off-highway; machine tooling; medical gases; in-process control; and other applications.
MRL Series
Submersible Level Sensors

Tank Level Indication
Sewage lift station monitoring
Level control, overflow monitoring
Level measurement in boreholes & dams
Sewage water level / pressure monitoring
Water level in wastewater treatment plants

Low Power Consumption ✓
High Media Compatibility (water, fuel, acid, base, sewage) ✓
High Accuracy (0.1% FS) ✓
Wide SCADA/ Data Logging Compatibility ✓
Wide Measurement Range (500m) ✓
Long Term Stability ✓

www.MeasureX.com.au
Force & Load Measurement

- Tension & Compression Measurement
- High Accuracy (0.02%FS)
- Wide Measurement Range
  (100gram—600ton)
- Long Durability & Stability

From general purpose load cells to fatigue-rated, high performance products, MeasureX offers the most comprehensive selection of tension, compression and universal measurement load cells available on the market today. MeasureX load cells are designed for high accuracy, even under extreme testing conditions that may affect measurements, such as bending or thrusting motions. Our product line also includes miniature and sub miniature tension/compression and compression-style models that are unmatched in harsh environments with tight clearances or confined spaces.

www.MeasureX.com.au
MeasureX manufactures a selection of linear variable displacement transducers (LVDTs) designed to meet the requirements common to most single and multiple-point industrial gauging applications. We offer a diverse set of ultra-precision-displacement instruments, often used in research and scientific laboratories and industries. MeasureX displacement products are designed as a complete package, eliminating the need for customers to identify, purchase and install additional components in order to implement the sensor.

Displacement Sensors

- Robust & Durable
- 2mm—7500mm Measuring Range
- Excellent Repeatability (1 micron)
- High Frequency Response

LVDTs
- MDL41 Core Separated DC LVDT
- MDL42 Spring Loaded LVDT
- MDL43 Pneumatic Driven DC LVDT Displacement Sensor
- MDL44 Ultrahigh Precision Spring Loaded LVDT Displacement Sensor

Potentiometers
- MDP44 Slider Potentiometer
- MDP 41 Rod End
- MDP42 Spring Loaded
- MDP43 Threaded

Magnetostrictive Sensors
- MDM41 General Purpose Magnetostrictive Displacement Sensor
- MDM42 Hydraulic Application
- MDM43 With Aluminium Mounting Profile

www.MeasureX.com.au
**Tilt and Angle Sensors**

- 360° Absolute Position Measurement
- 4-20mA or Potentiometric output
- IP67 rated Non-contact Technology with Long Life Cycle
- High Resolution (0.1°) and Accuracy (1% FS)

As a non-contact sensing solution, MTM41 operates for a long life span and the sensors linear output voltage is directly proportional to the sensors angle of rotation. With its high repeatability and low power consumption, it is well suited for long term applications. We also have potentiometric sensor MTP41 in our product portfolio. Please contact the sales department at sales@measurex.com.au for more information about this product.

**Signal Conditioning**

- Full-, Half- & Quarter-Bridge Strain Gauge Options
- High Input Impedance
- Wide Output Options
- Excellent Linearity

Compatible with Load Cells, Pressure Sensors, Torque Transducers and Other Transducers with Strain Gauges

MAS10 signal conditioner combines a regulated excitation power supply with low level amplifier providing both voltage and current outputs. The strain gauge option adds bridge completion for ¼ and ½ bridge inputs suitable for stress analysis.

www.MeasureX.com.au
The DEMEC Mechanical Strain Gauge developed as a reliable and accurate way of taking strain measurements at different points on a structure using a single instrument. Standard gauge lengths are from 100mm to 500mm, while length of up to 2000mm available on request. The DEMEC strain gauge is ideal for use on many types of structural health monitor-

The DEMEC strain gauge has two locating points, one fixed and one moveable, measuring at the gauge length. Our DEMEC gauge is supplied with reference and setting bars and a pack of 100 standard locating discs.
OEM & Custom Design Products

Customisation for:

- Measurement Range
- Signal Integration & Output
- Size & Process Connections
- Media Compatibility
- Non Standard Applications

MeasureX Engineering department proudly offers the most sophisticated and extensive custom engineering capabilities in the process measurement and control industry. Our custom manufacturing capabilities extend beyond the standard data sheets and reinforce our customer driven philosophy. Whether you need a simple modification of a standard product or complete customised product, MeasureX can accommodate your special request. In MeasureX, we strive to provide positive customer experience.

- MRA21 OEM Piezoresistive
- MRD24 OEM Differential Capacitive
- MRA25 Flush Diaphragm
- MLA27 Load Cell
- MAS15 Bridge Completion Module
- MLZ21 Junction Box for Load Cells

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MeasureX aims to provide standard and customised measurement solutions for our customer applications, in high quality and at a reasonable price. We stay abreast of the latest technologies to bring the best for our customers. We operate with high ethical standards that are shared by all our team members and business partners all over the world.