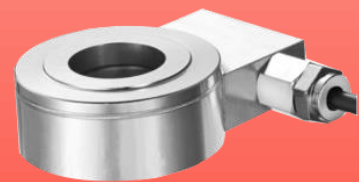
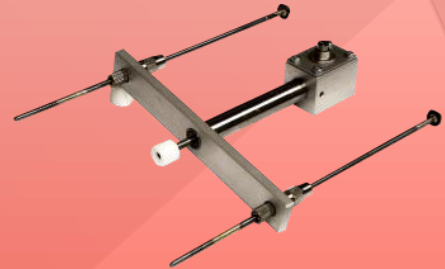
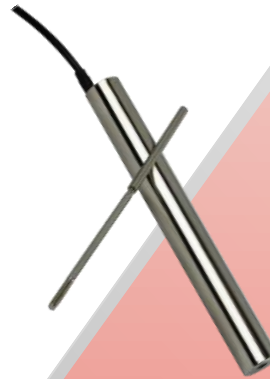


MeasureX

Beyond Reliability ...



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

...

Pressure Sensors

- M** High Accuracy (0.1% FS)
- M** Wide Pressure Range
(-1 ...5000bar)
- M** Compact & Rugged
- M** High Protection Rate IP68
- M** Wide Media Compatibility



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.



MRB20 General Purpose



MRC21 Compact OEM



MRF21 Flush Diaphragm



MRB21 Low Power



MRC22 Corrosion Resistant Ceramic Diaphragm



MRV21 Miniature



MRQ21 High Temperature



MRH21 High Frequency



MRD24 Differential Capacitive



MRB22 Panel Mounted



MRB28 General Purpose Silicon Digital



MRD22 Differential

MRL Series Submersible Level Sensors

Tank Level Indication

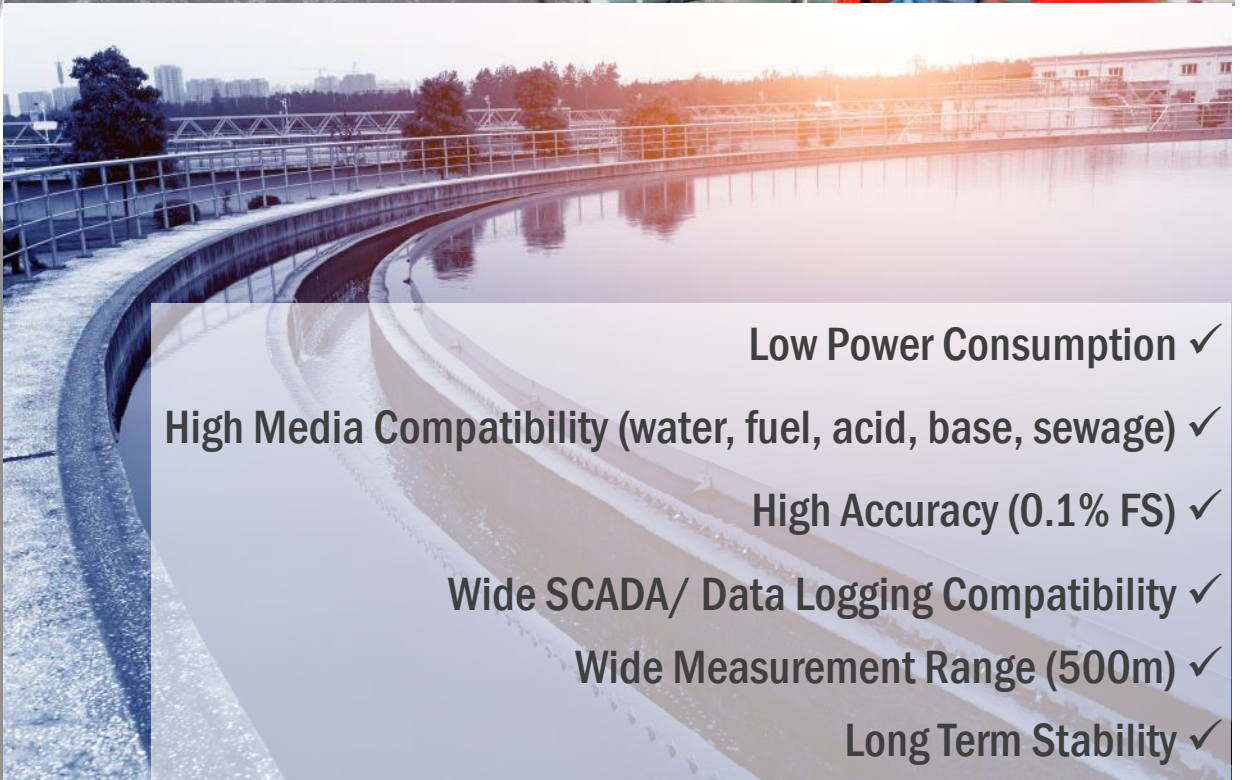
Sewage lift station monitoring

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 ✓

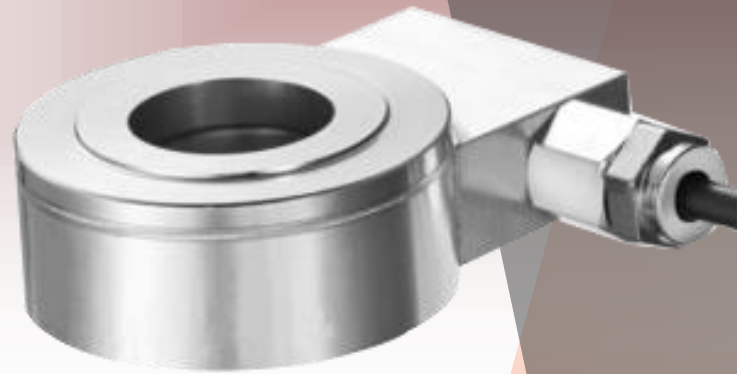
Force & Load Measurement

M Tension & Compression Measurement

M High Accuracy (0.02%FS)

M Wide Measurement Range
(100gram–600ton)

M 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.



MLW25 Centre Thread Load Cell (Compression-Tension)



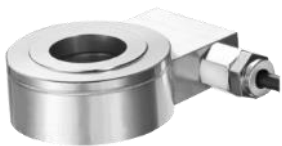
MLA21 Single Point (Compression-Tension)



MLW21 Shear Web (Compression)



MLS24 S-Type Load Cell (Compression-Tension)



MLR61 Centre Hole Ring Shape Load Cell



MLW66 Ultra-Miniature Compression Force Sensor



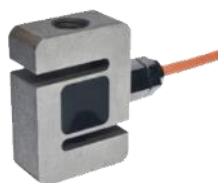
MLW64 Miniature Compression Load Cell



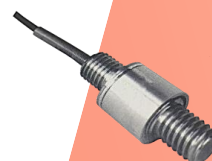
MLT61 Miniature Compression and Tension Force Sensor



MLA26 Miniature (Compression-Tension)



MLS66 Miniature S-Type Force Sensor







MLT66 Ultra-Miniature Centre Thread Load Cell



MLD61 3 Axis Load Cell

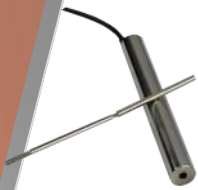
Displacement Sensors



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

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.

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

Magnorestrictive Sensors



MDM41 General Purpose Magnetostrictive Displacement Sensor



MDM42 Hydraulic Application



MDM43 With Aluminium Mounting Profile

Tilt and Angle Sensors

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



MTM41 Non Contact Rotary Sensor

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

- M** Full-, Half- & Quarter-Bridge Strain Gauge Options
- M** High Input Impedance
- M** Wide Output Options
- M** 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.

Demountable Mechanical Strain Gauge (DEMEC)



- M** High Accuracy
- M** Wide Pressure Range
- M** Thermally Compensated
- M** Robust Construction

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-



Digital Display



Analog Indicator

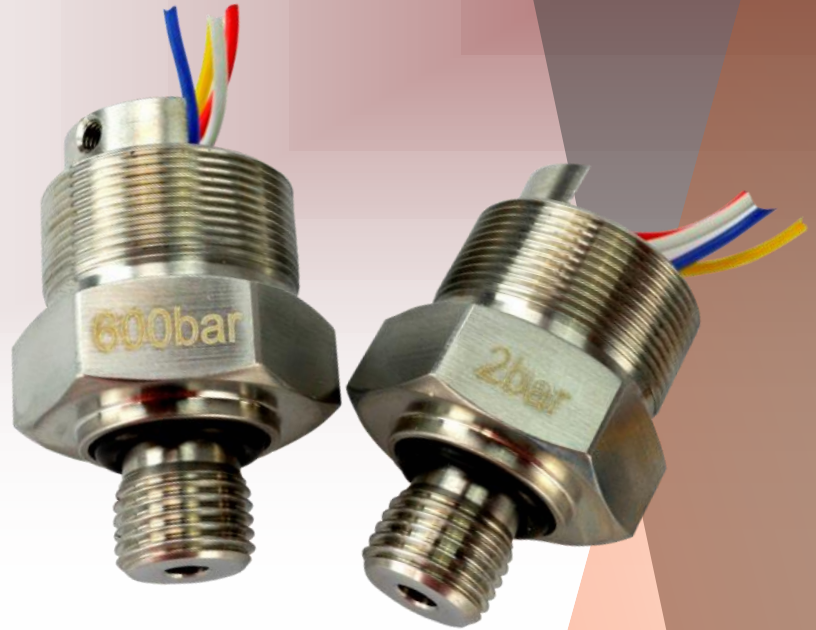


The DEMEC strain gauge has two locating points, one fixed and one moveable, measuring at the gauge length. Our DEMEC gauge is supplied with reference and setting bars and a pack of 100 standard locating discs.

OEM & Custom Design Products

Customisation for:

- M** Measurement Range
- M** Signal Integration & Output
- M** Size & Process Connections
- M** Media Compatibility
- M** 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



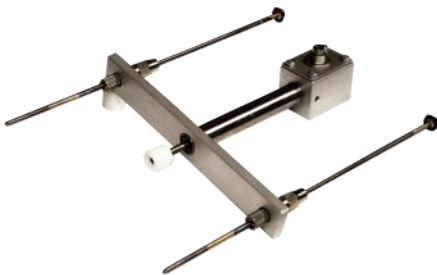
**MRA21 OEM
Piezoresistive**



**MRD24 OEM
Differential Capacitive**



**MRA25
Flush Diaphragm**



**High Precision Dendrometer to
measure tree growth**



**Domestic Sewage
Compatible Level Sensor**



MLA27 Load Cell



**Customised Electronics and
Signal Conditioners**



**MAS15 Bridge
Completion Module**



**MLZ21 Junction Box
for Load Cells**

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.



**14/42 Garden Blvd
Melbourne, VIC 3172
Australia**



www.MeasureX.com.au



+61 3 9558 2420



sales@MeasureX.com.au