

Load Cells/Miniature Load Cells



Products

- General purpose
- Tension and compression
- Fatigue rated
- Low profile
- Miniature/subminiature
- Canister
- Thru hole designs



Potential Applications

- Pedal effort testing
- Seat belt testing
- Tire uniformity machine sensors
- Latch and lock testing
- Manual and automatic shift forces
- Cable testing
- Crimp forces
- Friction/resistance weld quality testing
- Body mount forces
- Seat tests

Pressure Sensors/Miniature Pressure Sensors



Products

- Gage pressure sensors
- Vacuum pressure sensors
- Differential pressure sensors
- Absolute pressure sensors
- Barometric pressure sensors



Potential Applications

- Engine oil pressure
- Coolant pressure
- Fuel pressure
- Cylinder compression (cold test)
- Pressure decay
- Manifold vacuum
- Fluid flow
- Dry airflow

Torque



Products

- Reaction torque
- Hollow reaction
- Rotary torque
 - Slip ring
 - Non-contact rotary transformer
 - Telemetry
- Circular keyed shaft
- Flange mount
- Socket wrench
- Torque dial gauges



Potential Applications

- Engine and transmission dynamometers
- Power-train testing
- Wheel torque
- Steering torque
- Brake testing
- Pump testing
- Axle testing
- Fastener testing
- Fatigue component testing

Wireless Telemetry



Products

- WDC analog telemetry
- TMS digital telemetry



Potential Applications

- Automotive test stands
- Motor and transmission dynamometers
- Automotive brake testing
- Friction testing

Accelerometers/Vibration Monitoring



Products

- General purpose
- Miniature
- High frequency
- Velocity output
- Acceleration and temperature
- Built-in signal conditioning
- Piezoelectric
- Piezoresistive



Potential Applications

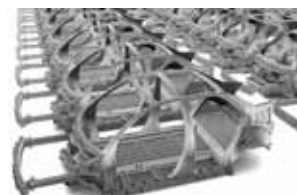
- NVH (noise, vehicle, harshness) testing
- Vehicle road testing
- Conditioning monitoring
- Vibration monitoring
- Crash tests
- Preventative maintenance monitoring

Displacement Transducers (LVDTs)



Products

- AC/AC
- DC/DC
- Captive guided
- Unguided
- Spring return
- Submersible
- Short stroke precision
- Long stroke



Potential Applications

- Body panel gauging
- Shaft alignment monitoring
- Valve guide and seat insertion control
- Dimensional gauging/verification
- Press-fitted parts verification
- Electrode dimensional inspection



Test and Measurement Sensors for Automotive Applications

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