

Load Cells/Miniature Load Cells

Products



- Low profile
- Miniature/Subminiature
- Canister style
- In-line
- Beam style
- Z-Beam
- Donut style
- Load pins
- S beam



Potential Applications

- In-flight refueling*
- Flight test airframe testing and structural support
- Pilot force input (stick, wheel pedals) to black box*
- Hook load sensor for helicopters*
- Airframe testing
- Throttle control sensors*
- Landing gear, systems, and doors
- Braking systems

Pressure Sensors/Miniature Pressure Sensors

Products



- General purpose
- Miniature
- Flush
- Temperature flexibility
- Switches



Potential Applications

- Aircraft environmental control system pressure sensors*
- Various hydraulic systems on flight test aircraft*
- Ground testing of aerospace support systems
- Component test validation and quality assurance
- Surface aerodynamic testing
- Tire pressure testing

Torque

Products



- Reaction
- Slip-ring rotary
- Non-contact rotary transformer
- Non-contact telemetry



Potential Applications

- Aircraft hydraulic pump testing for R&D
- Flap actuator testing
- Satellite panel actuator torque monitoring sensor*
- Torque measurement of propeller of a turboprop aircraft engine*
- Customized, strain-gaged torque sensors for demanding, individualized customer applications

Wireless Telemetry

Products



- WDC analog telemetry
- TMS digital telemetry



Potential Applications

- Main rotor/tail rotor drive torque measurement
- Space shuttle fuel pump testing
- Dynamic strain measurement on turbine blades for jet engines

Accelerometers/Vibration Monitoring

Products



- General purpose
- Miniature
- Low frequency
- High frequency
- High temperature
- Velocity output
- Acceleration & temperature
- Built-in signal conditioning
- Hand-held systems



Potential Applications

- Stress and vibration monitoring - structural integrity verification
- Cycle testing

Displacement Transducers (LVDTs)

Products



- Amplified or unamplified
- Unguided
- Captive
- Spring loaded
- Miniature unguided
- Miniature spring loaded
- Submersible unguided
- Submersible spring



Potential Applications

- Iron bird/structural testing
- Door latch lifecycle testing

Complementary Products - Instrumentation

* on board position



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