## 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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