

Aerospace and Military Sensor Applications

for System and Test Use

Sensor Types

Pressure

Temperature

Position

Tilt

Vibration

Force

Humidity

Custom Solutions

Aerospace Applications Expertise

NASA and ESA Certified

Proprietary Technologies

Quality Design

Reliable Sourcing

measurement
SPECIALTIES

1982-2017

A Division of Emerson

Aerospace and Military Sensor Applications

Commercial Aircraft



LVDT - Inlet guide vane • Spoiler actuator • Tail rudder actuator position • Autopilot elevator control
Bonded Foil Strain Gage (BFSG) Pressure Transducer - Aircraft hydraulic braking monitoring • Cabin air pressure monitoring
• Cockpit pressure monitoring • Flight test altimeter • Hydraulic pressure engine torquemeter • Flight test engine monitoring
• Engine monitoring
US300 Pressure Transducer - General aviation fuel pressure
NTC Thermistor - Environmental controls • Cockpit display and electronic systems
Accelerometer - Wing flutter and nacelle vibrations testing • Landing gear testing

Military Aircraft



LVDT - Cockpit throttle position • Flap actuator • Pilots breathing system • In-flight refueling • Air brake spool valve • Weapons rack
Mini Load Cells - Linkage forces • Cable loads • Actuator • Weapons • Servo forces
Mini Silicon Diffused Diaphragm Pressure Transducer - Wind tunnel • Flight probes
BFSG Pressure Transducer - In-flight refueling pods
Accelerometer - Flutter and flight dynamics • Seat ejection
NTC Thermistors - Environmental controls • Cockpit display and electronic systems

Weapons Systems



LVDT - Cryogenic pump for infra red detectors • Submarine hatch actuator • Submarine secondary propulsion system
RVDT - All terrain fighting vehicle controls • Unmanned Aerospace Vehicle (UAV) or drone flight controls
RVDT/LVDT - Targeting system - Lens focusing
LVDT/Accelerometer - Missile firing/ guidance • Safe & arm
BFSG Pressure Transducer - Torpedo launch tube monitoring
NTC Thermistors - Guidance systems

Satellites



LVDT - Satellite telescope mirror position
NTC Thermistor - Temperature for solar array panels • Power supply management • Satellite - motor monitoring
Accelerometer - Payload/satellite vibration from launch time to orbit

Helicopters



BFSG Pressure Transducer - Engine torque monitoring • Flight test engine differential pressure
• Gearbox monitoring
Low Profile Strain Gage & Diffused Diaphragm Pressure Transducer - Rotor blade profiling/studies
Accelerometer - Flight vibration testing • Gearbox monitoring
NTC Thermistors - Bearing temperature monitoring • Guidance systems • Cockpit display and electronic systems • Rotor gearbox temperature monitoring

Quality Policy

Measurement Specialties is committed to meeting the needs and expectations of our customers regarding Quality, Cost and Delivery, and to satisfy the business objectives of our organization.

This commitment is reflected through the pursuit of:

- Establishment of trust and respect between ourselves and our customers
- Teamwork
- On-going education and training
- Continuous improvement
- Loyalty to our employees

We understand that good quality is a contribution to cost reduction, and that the quality of products we sell must conform to our customers' requirements and expectations.



CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of

Measurement Specialties, Inc.
Sensors Division

1000 Lucas Way
Hampton, Virginia 23666, USA

having been audited in accordance with the requirements of Air 3309 Rev B
has been approved by Lloyd's Register Quality Assurance
to the following Quality Management System Standards

ISO 9001:2000, ANS/ISO/ASQ Q9001-2001
AS 9100 Rev B

The Quality Management System is applicable to:
Design, Manufacture, In-House Servicing and Distribution of
Sensors, Actuators, and Accessories.

Approved Certificate No. JQA 001770
Original ISO Approval: July 8, 1998
Original AS Approval: January 4, 2001
Current Certifications: January 4, 2006
January 4, 2006
January 4, 2006

Measurement Specialties measures its progress towards meeting our business objectives and total customer satisfaction by utilizing the following metrics:

- Quality Performance
- On-Time Delivery
- Product & Process Performance
- Customer Complaints and Resolutions
- Customer Satisfaction Surveys
- Internal Audit Results
- Cost of Poor Quality

Certifications

ISO9001, ISO14001, TS16949, AS9100

About Measurement Specialties

Measurement Specialties (MEAS) designs and manufactures sensors and sensor-based systems to measure pressure, force, position, tilt, vibration, humidity and temperature. MEAS uses multiple technologies - including piezoresistive, electro-optic, electro-magnetic, capacitive, application specific integrated circuits (ASICs), microelectromechanical systems (MEMS), piezoelectric polymers and strain gauges - to engineer sensors that operate precisely and cost effectively in mild to very harsh environmental conditions.

Measurement Specialties, Inc. is traded on NASDAQ under symbol MEAS

Measurement Specialties, Inc.

Global Headquarters

1000 Lucas Way, Hampton, VA 23666
+1 757 766 1500

European Headquarters

105 av. du General Eisenhower BP 23705
31037 Toulouse Cedex, FRANCE
+33 (0) 561 194 543
www.meas-spec.com

Distribuidor

Brasil e América do Sul

CONTATO

Endereço

Rua Sete de Setembro, 2671 - Centro
13560-181 - São Carlos - SP - Brasil

Telefone

+55 (16) 3371-0112

Fax

+55 (16) 3372-7800

Internet

www.metrolog.net
metrolog@metrolog.net

