

GE Sensing

Applications

- Flow of gases and liquids
 - Pressure and level
 - Temperature measurement
 - Oxygen concentration
 - Combustion efficiency
 - Moisture content
 - Gas analysis
-

Single Source for Process Sensing Solutions

Process industries are constantly challenged to increase yield and quality while reducing cost and emissions. GE Sensing is a global partner for your sensing and measurement needs, providing low risk solutions, high performance technologies and benchmark customer support.

GE Sensing serves many process industries including oil and gas, refining, chemicals, energy, and metals with their diverse needs. GE Sensing products provide cost effective measurement, test, and calibration solutions that span the simplest to most difficult applications while helping to improve operational efficiency.

Measurement, test, and calibration solutions for process industries

Druck, General Eastern, Panametrics and Ruska have joined other GE high-technology sensing businesses under a new name—GE Industrial, Sensing.



GE Sensing

Test and calibration

A comprehensive range of field verification, calibration and laboratory reference equipment, widely accepted as the industry standard.

- Hand-held devices for pressure, temperature, flow, humidity, voltage, current and frequency
- Automated high-speed calibration
- Primary standards for pressure and humidity
- DP calibrator for fiscal precision



Oxygen and gas analysis

The varied oxygen analysis applications across process plants require a range of measurement technologies. GE has the complete solution, including combustion control, oxygen concentration and composition of binary gas mixtures.

- Inert blanket gas monitoring
- Process heater and stack gas
- Utility and reactor feed gases
- Hydrogen purity



Pressure transmitters

Leading the field in pressure measurement technology for over thirty years, GE offers precision, fast-response silicon sensors that are ruggedly packaged and tailored to meet specific needs of process industries.

- Smart/HART® rangeable pressure transmitters
- Depth/level pressure transmitters
- Subsea wellhead pressure and temperature sensors
- Topside drilling mud sensors



Flow measurement for liquid and gas

Proven ultrasonic technology for refinery loss control, natural gas, LNG, produced water, flaring consent and emissions trading.

- All process gases and liquids
- Clamp-on or wetted systems
- Dual-channel economy
- No routine maintenance
- No pressure drop
- Custody transfer



Moisture analysis

Forty years of experience in measuring the moisture content of process gases and non-aqueous liquids, with sample conditioning systems designed for long term reliability.

- Portable and permanent systems
- Dew point, ppmv, lbs/MMSCF and all standard measurement units
- Remote sensor systems and transmitters
- Optical and aluminum oxide sensors



Field Services

GE Sensing offers a full range of in-house and site support for calibration, repair and aftermarket services for validation, humidity, temperature, pressure, flow, and moisture and gas. Contact your local account manager for inquiries and quotes for the following services:

- Installation, start-up and commissioning
- Calibration
- Annual service contracts
- Equipment evaluations, surveys and audits
- Preventative maintenance agreements
- Rental agreements
- Repairs
- Spare parts sales
- Training



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BR-139A

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