

# PROCESS INSTRUMENTATION



## SIEMENS PROCESS INSTRUMENTATION

Your single-source solution for process instruments. Siemens' innovative SITRANS portfolio supports your business goals with a broad range of accurate and reliable devices for process measurements: pressure, temperature, flow, level, positioning, weighing, recording and control of virtually every industrial application.

- **Flow Measurement** – Coriolis mass flowmeters, clamp-on ultrasonic flowmeters, magnetic flowmeters, vortex flowmeters, belt scales, and solids flowmeters.
- **Level Measurement** – Capacitive point level sensors, vibrating point level sensors, capacitive continuous level transmitters,

ultrasonic level transmitters & controllers, through air & guided wave radar transmitters, submersible pressure transducers, and tank weighing systems.

- **Pressure Measurement** – Full line of pressure transducers and intelligent pressure transmitters for differential pressure, gauge pressure, and absolute pressure.
- **Temperature Measurement** – Sensor & thermowell assemblies, head & din rail temperature transmitters, intelligent temperature transmitters, wireless temperature transmitters, and multipoint, fiber optic temperature measurement systems.



## INDEECO HEATING

Indeeco designs and manufactures highly engineered electric heating and thermal management technologies for commercial and industrial markets and for military, marine and rail applications throughout North America and abroad.

- Tubular & finned tubular electric heating elements.
- Immersion heaters.
- Circulation heaters.
- Process air heaters.
- Impedance heating systems.
- Process skid & tank heating systems.
- Cooling tower heating systems.



## GPI FLOMEC

GPI is a leader in quality flowmeter manufacturing and distribution worldwide. GPI's FLOMEC flowmeters provide flow control solutions for commercial and lite industrial applications including; turf, landscape, water reclamation, HVAC, and petrochemical flow monitoring. FLOMEC flowmeters measure a wide variety of liquids from water to lubricants in commercial process operations. GPI is known for high quality durable meters, excellent customer service and on-time product delivery.

- Turbine Flowmeters.
- Positive Displacement Flowmeters.
- Fixed & Portable Clamp-On Flowmeters.
- Magnetic Flowmeters.



## WIKA PROCESS INSTRUMENTS

- **Electrical Temperature Measurement** - thermocouples, resistance temperature sensors (with optional on-site display), temperature switches as well as analogue and digital temperature transmitters for single & multi-point applications.
- **Level Measurement** - WIKA has a comprehensive range of level measuring instruments available, including magnetic, site glass, & magnetostrictive technologies.
- **Flow Measurement** - Orifice plates, meter runs, flow nozzles, Venturi tubes and pitot tubes are part of Wika's portfolio of primary flow elements and restriction orifices.

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## BADGER METER

Badger Meter manufactures a full line of flow measurement and control instrumentation for commercial, industrial, & municipal applications.

- Clamp-on & vortex flowmeters.
- Coriolis & magnetic flowmeters.
- Impeller & turbine flowmeters.
- Mechanical & variable area flowmeters.
- Control valves & actuators.



## MAX MACHINERY

Max Machinery offers a broad range of flow meter technologies & sizes; each with a wide operating range and high accuracy. We work with you to select the best combination of features for your project.

- Piston flowmeters.
- Gear flowmeters.
- Helical flowmeters.



## ACCUSONIC

Accusonic is a leading supplier of high performance flowmeter systems used in the water, wastewater, and power generation markets.

- Flexibility: Measurable pipe and channel sizes can range from 8 inches to 600 feet.
- Accuracy: Utilizing multiple chordal path transit-time technology, the 8510+ provides accurate flow measurement of  $\pm 0.5\%$  for full pipes and  $\pm 1.0\%$  for partially full pipes and open channels.
- Economy: The 8510+ is configurable to measure up to 5 separate pipes and/or channels simultaneously, thus significantly reducing the cost per measurement.



## SETRA SYSTEMS

Setra has designed and developed the most comprehensive product lines of sensing devices in the world. Setra has been innovating test & measurement sensor designs for over 50 years and has become a leader in the pressure transducer market.

- Absolute, barometric, compound, differential, gauge, submersible, and vacuum transducers.
- Room pressure monitors.
- Power meters & current transducers.
- Humidity transmitters.



## CELESCO

CeleSCO manufactures various types of potentiometers used for the measurement of position and displacement in a wide variety of applications.

- Cable actuated position sensors (string pots).
- Linear displacement sensors.
- Rotary position sensors.