



## 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** – Magnetic, coriolis mass, clamp-on ultrasonic, ultrasonic open channel, vortex, belt scales, and solids flowmeters.
- **Level Measurement** – Ultrasonic level, radar, capacitive point level, vibrating point level, capacitive, through air & guided wave radar, 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.



### PRIMARY FLOW SIGNAL

PFS offers a range of Venturi primary flow elements, orifice primary flow elements, open channel flow elements, and proprietary WedgeType™ primary flow elements.

- Venturi Primary Flow Elements
- WedgeType Flow Elements
- Orifice Flow Elements
- Rate of Flow Elements
- Rate of Flow Controllers
- Instrumentation Packages



### METTLER TOLEDO PROCESS ANALYTICS

- Largest available selection of world class pH/ORP Sensors with Digital Measurement Technology
- Optical & Polarographic Oxygen Sensors with Digital Measurement Technology
- Full range of Conductivity/Resistivity Sensors with Digital Measurement Technology
- Forward, side & back Scatter Turbidity Measurement Systems



### MSA

MSA is a leading supplier of fixed gas & flame detection products to the Water & Wastewater market.

- The ULTIMA® X5000 Gas Monitor is the future of gas detection for oxygen, toxic and combustible gases.
- The TriGas Monitoring System consists of up to three sensors with Ultima® X3 Technology's digital communications with on-board LEDs and relays to provide local alarms.
- TriGas Wet Well Monitor sample draw system for areas of wastewater plants subject to flooding.



## WIKA PROCESS INSTRUMENTS

- Electrical Temperature Measurement – Temperature transmitters, sensor, & switches for single & multi-point applications.
- Level Measurement - Magnetic, site glass, & magnetostrictive level transmitters & switches.
- 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.



## RC SYSTEMS

- Available with electrochemical, infrared or semi-conductor sensors for detection of combustible, toxic or refrigerant gases and O2
- Transmitters available with or without display, analog outputs, programmable relays and digital communication buses
- Analog & digital controllers available for (4), (8) or (16) sensor inputs and up to 32 fully programmable relays
- Large graphic display



## ASPEQ HEATING

- Immersion Heaters with Pipe & Flange Mount options for Thread & Flange Heaters
- Process Air Heaters with Open Coil, Tubular and Finned Tubular Designs for outlet air temperature up to 1,200oF
- Circulation Heaters with standard design includes heavy wall steel vessel (insulated & jacketed) and factory-mounted thermostat for outlet temperatures up to 1,200oF



## ANALYTICAL TECHNOLOGY

- Reagentless Residual Chlorine for Drinking Water
- Non-Contacting Total Chlorine for Wastewater
- Residual Sulfite for Wastewater Effluent
- Portable Water Quality Systems
- Water Quality Panels for Distribution Monitoring
- On-line Analyzers for Ammonia, Fluoride, Suspended Solids, and Turbidity



## 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 with multi-pipe measurement capability.
- 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.



## VIRTUAL POLYMER COMPOUNDS

VPC Fiberglass manufactures a full line of standard and customizable fiberglass products for industrial and municipal markets.

- Flumes, Troughs, Weirs & Baffles
- Metering Manholes
- Fiberglass Shelters & Booths
- Manhole Covers