



Process Technology, Inc.

## SOUTHWEST BRANCH

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## SOUTHWEST OFFICE

222 South Mill Ave  
Suite 800  
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# INSTRUMENTATION & AUTOMATION SOLUTIONS

## SIEMENS

**LEVEL** - Ultrasonic, Radar, Point Level and Continuous Level

**FLOW/PRESSURE** - Electromagnetic, Coriolis, Ultrasonic, Vortex, Variable Area, DP digital pressure transmitters, Hydrostatic Pressure

**TEMPERATURE** - Thermocouples, RTD's & Transmitters

**GAS ANALYZERS** - Extractive & In-Situ Analyzers for: HF, HCl, H<sub>2</sub>O, NH<sub>3</sub>, O<sub>2</sub>, NO<sub>x</sub>, CH<sub>4</sub>, H<sub>2</sub> and Ar

**DYNAMIC WEIGHING** - Belt Scales, Continuous Weighing Systems, Speed Sensors & Calibration

**MORE** - Process Recording, Remote Display, Advanced Control, Valve Positioning & Automation

## METTLER TOLEDO

**ANALYTICAL INSTRUMENTATION** - pH/DRP (Redox) Probe, Dissolved Oxygen Sensors, Turbidity/Optical Density, Conductivity, Inductive Conductivity, UniCond Conductivity/Resistivity Sensors w/ ISM, Analog Conductivity Sensors, Analytical Transmitters

## ARMSTRONG INTERNATIONAL



**STEAM & CONDENSATE** - Steam Traps, Condensate Management, Steam-A-Ware Equipment Sizing Software

**PRESSURE & TEMPERATURE CONTROLS** - Steam & Water Pressure Reducing Valves, Temperature Regulators & Balancing Valves

**EVERACTIVE** - Battery-less Servers Continuously Stream Steam Trap Data to the Cloud, 24/7 Analytics for Steam Trap Health

**HUMIDIFICATION** - Conditioned Steam, Gas & Electric w/Ionic Bed Tech, Cool Fog Atomizing Systems, Clean Steam Generators, Humid-A-Ware Sizing Software

**HOT WATER GROUP** - Instantaneous Steam to Water Heat Exchangers, Washdown Stations, Steam & Water Thermostatic Mixing Valves, RADA, The "BRAIN" Digital Mixing Center, Direct Gas-Fired Water Heaters, Digital-FLO Instant Water Heaters

**FLOW MANAGEMENT** - Accelabar, Verabar, Vortex Meter, Orifice Plates, Venturi Tube, ASME Flow Nozzle, Wedge Meter



**REGULATORS** - Pressure, Back Pressure, Temperature, Gas and Tank Blanketing Control Valves



Instrument manifolds, orifice block valves, gauge valves, needle valves, block and bleed valves.



**BALL VALVES** - 1/4" - 12" manually operated and actuated



**CONTROL VALVES** - Fractional Flow, Pneumatic & High Pressure

**REGULATORS** - High Pressure, Pressure Reducing & Diaphragm Sensed.



**SANITARY** - Compressed Air & Gas Pressure Reduction Valves & Back Pressure Regulators. Low Pressure Blanketing Regulators, Control Valves, Check Valves, Ball Valves, Steam Traps & SIP Accessories



BY BONNELL ALUMINUM

**MODULAR HARDWARE** - Quickly and easily create anything from clean rooms to robot enclosures. Extrusions, Brackets, Gussets, Plates, Fasteners, Hardware, Panels, Linear Motion, Stanchions, LED Lights, Preconfigured Assemblies and more.

**TBUILD** - Intuitive, easy-to-use, web-based design software. Seamless creation and edit of designs, print BOM, and obtain real-time pricing.



**ETHERNET** - Ethernet Switches, Managed & Unmanaged, PoE, PoE+, Routers, IP67, Customs Designs

**IIOT SOLUTIONS** - Scalable Solution, WiFi, Cellular, I/O, Cloud, Datalogging, Routing, 300+ Protocol Drivers

**REMOTE ACCESS** - High Security via RSA Authentication, Intelligent Firewall, Up and Running in Minutes

**HMI PANELS** - Rugged, 300+ Protocol Drivers, Datalogging, Web Server, SQL, I/O, C programming environment

**DIGITAL PANEL METERS** - Expansive Offering of Digital & Analog Designs from 1/32 DIN to Large Displays



PREFERRED DISTRIBUTOR  
PROCESS INSTRUMENTATION

**PRESSURE, LEVEL & TEMPERATURE**  
Measurement Products



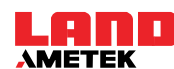
**SMARTDIVER** - Tank Profiling & Interface Detection Systems for Clarifiers, Thickeners & CCD's. **CLARITY PROBES & FLOCCULANT CONCENTRATION ANALYZERS**



**TEMPERATURE SENSORS** - Thermocouples, RTD's, Thermistors, Extension Wire, Thermowells, Protection Tubes & Accessories



**TANK LEVEL GAUGING** - Liquid Level Sensors, Dual Float for Interface & Flexible Gauges



Non-Contact Thermometer/Pyrometer, Fixed Thermal Imaging & Line Scanner, Combustion Efficiency Monitors, Portable Gas Analyzers, Opacity & Dust Monitors



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# INSTRUMENTATION & AUTOMATION SOLUTIONS



### DIFFERENTIAL PRESSURE FLOWMETERS

V-Cone, VM V-Cone, Wafer Cone

### ELECTROMAGNETIC FLOWMETERS

FPI Mag, SPI Mag, UltraMag, DuraMag

### PROPELLER FLOW METERS

Flow Straightener, McPropeller



**LOW VOLTAGE DRIVES** - Low Voltage Variable Frequency Drives, Fractional Horse up to 3000 hp, Constant & Direct Torque PLC - AC500, AC500-eCo & AC500-XC PLC Ranges Small, Middle, & High-end Applications

**MOTION CONTROL** - Full Line of Motion Drives, Intelligent Drives, Servo Motors & Software



**DIN RAIL POWER SUPPLY** - .63 to 40 Amp (15W to 960W), 100VAC to 480VAC input, 5VDC to 72VDC output, DC UPS, DC Buffer & DC to DC Modules, Redundancy Modules, Conformal Coating on Specific Models, Highest MTBF in Industry, Smallest Form Factor



### COMPLETE PNEUMATIC PORTFOLIO

Pneumatic Directional Control, Actuators & Air Cylinders, Vacuum Products, Airline Equipment, Connectors

### FLUID PROCESS

General Purpose Valves, Dust Collection Valves, Specialized Valves, Process Pumps, Industrial Filters, Water Equipment

### CHILLERS

General Purpose, Large Capacity, High Efficiency, Rack Mount, Benchtop, Circulating Bath



a Baker Hughes business

**FLARE MANAGEMENT** - Ultrasonic Flow Meters for accurate flare measurement and diagnostic capabilities. flare.iQ to optimize flare operations and reduce methane emissions.

**FLOW METERS** - Gas and Liquid, In-line, (wetted), fixed, clamp-on and portable products. Ultrasonic and Vortex Multivariable. Process Fluids, Liquid Custody Transfer, Allocation in Leak Detection and Steam (Wetted only)

**PROCESS ANALYZERS** - Wide array of Moisture and Gas Analyzers, Dew Point TDLAS, Transmitters, sample systems. Gas Analysis, O2% and Hydrogen purity, % and ppm, fixed and portable.



**AUTOMATION SERIES** - Hi-tech features like Pivot-rotatable drives and Tension Release tool-less belt changes

**INDUSTRIAL SERIES** - Designed for rugged and demanding environments. A wide range of solutions for any application including indexing, plastic chain, embedded drive, and heavy load carrying capacities

**HYDROCLEAN SERIES** - Sanitary design for handling all types of applications

**ONLINE CONFIGURATOR** - easy to use software to develop BOM, 3D CAD & Quote Template

**10 YEAR WARRANTY - 5 DAY TURNAROUND**



**LIMIT SWITCHES, VALVE CONTROL & PROXIMITY SENSING**



**LEVEL MEASUREMENT** - Magnetic Level Gauges, Transmitters, Site Flow Indicators and Gauges



### ELECTRIC LINEAR MOTION - Rodless

Electro-mechanical actuators, Electric Rod Actuators, ServoWeld Actuators, Motors and Drives, Roller Screws.

### PNEUMATIC LINEAR ACTUATORS - Rodless

Pneumatic Air Cylinders, Pneumatic Thrusters

### POWER TRANSMISSION - Industrial Caliper

Brakes, Industrial Right Angle Gearboxes, Industrial Cone Clutches, Roller Screws



MICRO-EPSILON

**DISTANCE SENSORS** - Inductive, Capacitive, Laser, Confocal, Interferometer, Magneto-Inductive, Draw-wire,

**INDUSTRY SENSORS** - Rotation Speed, Infrared Temp, Color, Fiber Optic, Interface and Signal Processing

**3D SENSORS** - 2D/3D, Laser Profile



## SERVICES

### START-UP + COMMISSIONING + FIELD SERVICE + CONSULTING

Factory certified **START-UP & COMMISSIONING** service on all Siemens process instrumentation, including **FIELD SERVICE** and **CONSULTING** on all our instrumentation & automation product lines

### DIAGNOSTICS + INTEGRITY SOLUTIONS EVALUATION - TRAINING - IMPLEMENTATION

Assessment of machine monitoring components, cycle time and instrumentation to ensure that all components in your system are working properly at all times.