



Process Technology, Inc.

SOUTH  
WEST



888-784-1131

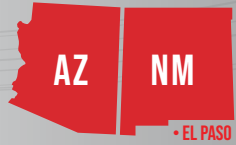
WWW.PROCESS-TECH.COM



1910 Stapley Dr. Ste. 221

Phoenix, AZ

85045



## PROCESS AUTOMATION SOLUTIONS

### ARMSTRONG INTERNATIONAL



Armstrong



**STEAM & CONDENSATE** - Steam Traps: Inverted Bucket, Float & Thermostatic, Disc, Radiator & Universal Mount, Trap Valve Stations, Liquid Drainers, Air Vents, Strainers, Steam Filters. Condensate Management: Pumping Traps, Custom Pump & Receiver Packages, Flash Tanks, SS Sump Ejectors. 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, Providing 24/7 Analytics for Steam Trap Health

**HUMIDIFICATION** - Conditioned Steam Humidifiers, Gas & Electric Humidifiers with Ionic Bed Technology, Cool Fog Atomizing Systems, Clean Steam Generators, Humid-A-Ware Sizing Software

**HOT WATER GROUP** - Instantaneous Steam to Water Heat Exchangers, Washdown Hose 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

### AbTech

**STORMWATER TREATMENT** - Engineered systems, storm drain inserts, environmental site solutions focused on reducing coliform bacteria, hydrocarbons, TSS, nutrients & heavy metals

**OIL & GAS WATER MANAGEMENT** - Upstream, midstream & downstream water management solutions

**INDUSTRIAL WATER TREATMENT** - Filtration media solutions, water treatment systems



PREFERRED  
DISTRIBUTOR  
PROCESS INSTRUMENTATION

**PRESSURE, LEVEL & TEMPERATURE**  
Measurement Products

### METTLER TOLEDO

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



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



#### DIFFERENTIAL PRESSURE FLOWMETERS

V-Cone, VM V-Cone, Wafer Cone

#### ELECTROMAGNETIC FLOWMETERS

FPI Mag, SPI Mag, UltraMag, DuraMag

#### PROPELLER FLOW METERS

Flow Straightener, McPropeller



#### TURBIDITY & SUSPENDED SOLIDS MONITORING

Sediment & Erosion Control, Wastewater Process Monitoring, Filtration Monitoring & Control



**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

### Temposonics

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

### 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, H2O, NH3, O2, NOX, CH4, H2 and Ar

**INDUSTRIAL BELT SCALES** - Continuous Weighing Systems, Speed Sensors & Calibration

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

### VAISALA

**LIQUID CONCENTRATION** - Process Refractometers (formerly K-Patents) continuously monitor liquid concentration to ensure quality, increase uptime and accurate density measurements



### 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.

EXPERTS AT THE HEART OF  
INDUSTRY



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# FACTORY AUTOMATION SOLUTIONS

# VALVES



**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



**COMPREHENSIVE PORTFOLIO** - Pneumatic Valves, Actuators, Air Preparation  
**IIOT GATEWAYS** - Smart Controllers, Ethernet/IP, PROFINET, OPC UA, MQTT, PLC/PAC, SCADA  
**MODULAR FIELDBUS** - I/O with M12 Connectivity Provides Plug & Play Simplicity  
**AF2** - Air Flow Sensor Monitor for Expensive Air Leaks Within System  
**SMART INTELLIGENCE** - Provides Predictive Diagnostics for Potential End of Life of Mechanical Components



**INDUSTRIAL ROBOTICS & AUTOMATION**  
Wide range of industrial robots, controllers, software, kinematic systems, energy supply systems, 3D perception sensors, linear units to extend work envelope, laser cutting gantry and complete robot packages consisting of robot, controller, operator control element and 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



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



**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**



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



**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



**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



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