



Process Technology, Inc.

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# INSTRUMENTATION



**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



**DIFFERENTIAL PRESSURE FLOWMETERS** - V-Cone, VM V-Cone, Wafer Cone **ELECTROMAGNETIC FLOWMETERS** - FPI Mag, SPI Mag, UltraMag, DuraMag **PROPELLER FLOW METERS** - Flow Straightener, McPropeller

## 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



**PRESSURE, LEVEL & TEMPERATURE**  
Measurement Products



**FLOW MEASUREMENT** - Verabar and Accelabar for versatility & precise, accurate measurement



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



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

# 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

# SIEMENS

**LEVEL** - Ultrasonic, Radar, Point Level and Continuous Level **FLOW** - Electromagnetic, Coriolis, Ultrasonic, Vortex, Variable Area, DP digital pressure 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

## AbTech

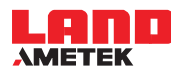
**STORMWATER TREATMENT** - Engineered systems, storm drain inserts, environmental site solutions focused on reducing coliform bacteria, hydrocarbons, TSS, nutrients & heavy metals

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

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



**NON-CONTACT NUCLEAR DENSITY AND LEVEL**  
Measurement, Leak Detection, Signal Conditioning, I/O Products, Alarm Displays



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



**WATER TESTING**  
Process Instruments, Software, Testing **COLOR MEASUREMENT**  
Visual Measurement, Automatic Reflectance and Transmission



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



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



### START-UP, COMMISSIONING, FIELD SERVICE & CONSULTING

PTI offers factory certified START-UP & COMMISSIONING service on all Siemens process instrumentation, as well as FIELD SERVICE and CONSULTING on all our instrumentation & automation product lines





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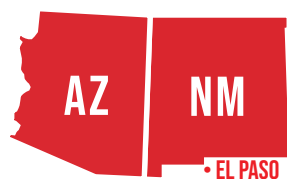
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# AUTOMATION & CONTROL



## SENSORS

Inductors, Capacitative, Magnetic, Ultrasonic, Linear & Rotary Position, Inclination, Pressure, Temperature & Flow

## CONNECTIVITY

Cordsets & Receptacles, Splitters, Junction Boxes, Field Wireable, Bulk Cable, Inductive Coupling

## IDENTIFICATION

Read/Write Heads, Data Carriers, Interface Modules & Handhelds

## FIELD BUS TECHNOLOGY

Modular & Block I/O, Foundation Fieldbus & PROFIBUS-PA

## INTERFACE TECHNOLOGY

Safety & Zener Barriers, Signal Conditioners & Control Monitoring, Programmable HMI & Gateways, & Relays, In-Cabinet & On-Machine Power Supply



**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



## 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



**POWER SUPPLY** - Full Range of Switching Power Supplies. 1 amp to 40 amp, UPS monitoring, DC to DC



## 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



## SENSORS

Photoelectric, Laser Distance, Ultrasonic, Fiber Optics & Amplification, Array, Registration Mark, Luminescence, Color, Slot, Part, Radar, Temperature & Vibration

## MACHINE SAFETY & VISION

Safety Light Curtains, Controllers, Relays, Switches, Laser Scanners & Software, Vision Sensors, Lighting, Controllers, Software, Smart Cameras & Barcode Readers

## LIGHTING & INDICATION

Tower Lights, LED Indicators & Task Lighting, Touch & Illuminated E-Stop

## WIRELESS MONITORING & I/O SYSTEMS

I/O Link Sensors & Lighting Wireless Radios, Controllers, Buttons, Switches, Indicators, Sensors and More



**PANEL METERS & PID CONTROLLERS, WIRED & CELLULAR ROUTERS, DATA LOGGERS & PROTOCOL CONVERTERS, MODBUS TCP-BASED OUTDOOR I/O, INDOOR & OUTDOOR HMI'S & RUGGED VIRTUAL HMI SERIES, UNMANAGED & MANAGED N-TRON SWITCHES (FIBER, POE, PTP, AUTO BACKUP), OPC UA, MQTT & SPARKPLUG MODE B-ENABLED DEVICES**



## SENSORS, MEASUREMENT & INSPECTION SYSTEMS -

Sensors for displacement, distance & position. 2D/3D Measurement, Optical Micrometers & Inspection Systems

**THERMAL IMAGING CAMERAS** - Temps Range from -20° to 2,000° C. Real-Time Thermography



**FLUID POWER** - Valve manifolds, filters, regulators, lubricators (FRL's), cylinders, grippers, slides and gantries



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



## INDUSTRIAL ROBOTICS & AUTOMATION

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.



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