



Process Technology, Inc.

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LINE S
Portfolio

**FRONT
RANGE**



EXPERTS
AT THE
HEART
OF
INDUSTRY

AUTOMATION & CONTROL



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



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



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



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.

VALVES



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



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



CONTROL VALVES - Fractional Flow, Pneumatic & High Pressure
REGULATORS - High Pressure, Pressure Reducing & Diaphragm Sensed.



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



SENSORS - Inductors, Capacitive, 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



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

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

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



LIMIT SWITCHES, VALVE CONTROL & PROXIMITY SENSING



(not available in Colorado)

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



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



CHECK VALVES - CheckMate Inline Check Valves, TideFlex Check Valves, Aeration, Potable Water Mixing Systems, Effluent Diffuser ZSystems and System Engineering.
PINCH & KNIFE GATE VALVES - Pinch Valves Sleeves, Air-Operated Pinch Valves, Control Pinch Valves, Knife Gate Valves, Pressure Sensors and RedFlex Expansion Joints.

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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LINES Portfolio

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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



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



PRESSURE, LEVEL & TEMPERATURE
Measurement Products



FLOW METERS - Vane & Piston Variable Area, CoolPoint Vortex Shedding, Insite Transparent, In-Line Turbine, Insertion Paddlewheel, Compressed Air & Electromagnetic Flow Sensors



GAS MONITORING INSTRUMENTS - Gas & Flame Sensors and Transmitters, Safety & Health Monitors, Gas Monitoring Controllers, HVAC Monitors, Sampling Systems & Calibration Kits, Factory Authorized Calibration



TURBIDITY & SUSPENDED SOLIDS MONITORING - Sediment & Erosion Control, Wastewater Process Monitoring, Filtration Monitoring & Control

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



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



OXYGEN ANALYZER SYSTEMS, INDUSTRIAL PH / ORP CONDUCTIVITY SENSORS (2 and 4 Electrode)



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



OPEN CHANNEL FLOW MEASUREMENT
Collection System Flow Monitors, Collection System Flow Data Services



PROCESS ANALYZATION & MONITORING SOLUTIONS For Quality and Compliance



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



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



TURBIDITY & SUSPENDED SOLIDS SENSORS & TRANSMITTERS - Four beam alternating light design for high accuracy

START-UP, COMMISSIONING, FIELD SERVICE & CONSULTING

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