



Process Technology, Inc.

390 Interlocken Crescent
Suite 350
Broomfield, CO 80021

303-978-9100

www.process-tech.com

info@process-tech.com
quotes@process-tech.com
orders@process-tech.com

LINES
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



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



(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



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
FIELDBUS 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



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



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.

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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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

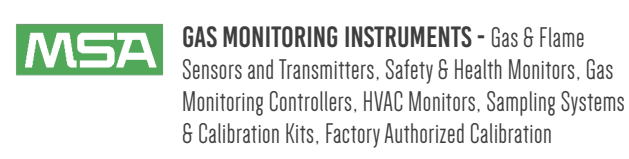


INSERTION & INLINE FLOWMETERS - Thermal, Mass, Ultrasonic, Vortex Mass Flow Meter & Control, Flow & Level Switches



PRESSURE, LEVEL & TEMPERATURE Measurement Products

UFM 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

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.



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

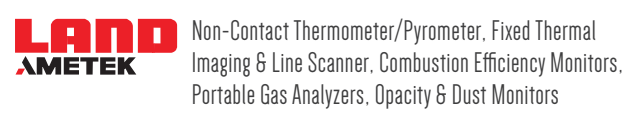


STORMWATER TREATMENT - Engineered systems, storm drain inserts, environmental site solutions focused on reducing coliform bacteria, hydrocarbons, TSS, nutrients & heavy metals **OIL & GAS WATER MANAGEMENT** - Upstream, midstream & downstream water management solutions **INDUSTRIAL WATER TREATMENT** - 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



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

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



PROCESS ANALYZATION & MONITORING SOLUTIONS For Quality and Compliance

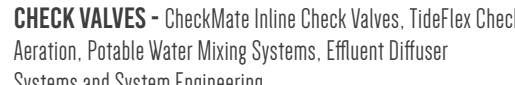
TANK LEVEL GAUGING - Liquid Level Sensors, Dual Float for Interface & Flexible Gauges



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



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



CHECK VALVES - CheckMate Inline Check Valves, TideFlex Check Valves, Aeration, Potable Water Mixing Systems, Effluent Diffuser Systems 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.

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