



Process Technology, Inc.

**FRONT RANGE
COLORADO
EASTERN WYOMING
MONTANA**

888-784-1131
Info@process-tech.com
WWW.PROCESS-TECH.COM

14828 W 6TH Ave.
Suite 11B
Golden, CO 80401

PROCESS AUTOMATION SOLUTIONS

ARMSTRONG INTERNATIONAL



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



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

EXPERTS
AT THE HEART
OF
INDUSTRY



**PRESSURE, LEVEL & TEMPERATURE
Measurement Products**



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



**PROCESS ANALYZATION & MONITORING
SOLUTIONS** For Quality and Compliance



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



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



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



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



Temposonics

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



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



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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FACTORY AUTOMATION



PHOTOELECTRIC SENSORS - Sensors, Fiber Optic, Registration, Luminescence

MEASUREMENT SENSING - Arrays, Laser, Radar, Temperature, Ultrasonic, Vibration

MACHINE SAFETY - Controllers, Light Curtains, Scanners, Emergency Stop Devices, Relays, Switches

INDUSTRIAL WIRELESS - Analog, Discrete, Pressure, Temperature, Ultrasonic, Vibration, Ethernet, Serial

MACHINE VISION - Bar Code, Intelligent Cameras, Vision Sensors, Vision Lighting

LIGHTING & INDICATION - Andon, OEE, Programmable RGB Tower Lights, Indicators, Touch Buttons, Machine Illumination

EMERSON | AVENTICS

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

PULS

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



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 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



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

VALVES

Red Valve Tideflex

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.



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.



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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