



**SWANSON FLO**

Swanson Flo provides **innovative process control solutions** through quality equipment and experienced application engineering with an unrelenting desire to create proactive customer relationships.

## Instrumentation



Level detection for continuous and point level applications for liquids and solids.



Multi-port, block and bleed, gauge and transmitter isolation manifolds. Bar stock needle, gauge, and orifice valves.



Flanged level transmitter isolation valves in a variety of materials.



Wireless instrumentation solutions for the process control industry. Hazardous and Non-hazardous installations.



Multifunction calibrators, HART communicators, instrument asset management.

## Badger family of Flow Meters



Comprehensive differential pressure primary elements including averaging pitot tube, wedge, venturi and V-cone technologies.



Transit time and doppler ultrasonic flow meter solutions.



Magnetic flow meter technology solutions.



Nutating disc positive displacement and turbine technology flow meter solutions.



Mass flow meter solutions.



Turbine flow meter solutions.



Variable area flow meters and flow switches.



Industrial positive displacement flow meter solutions.



## Process Valves



Comprehensive portfolio of ball valves actuation systems.



Ball valve and actuation solutions for the process and purity markets.



Resilient seat and high performance butterfly valves, pneumatic actuators and accessories.



Two way and multiport rotor valves, custom valve designs.



Four offset zero leakage butterfly valves.



High performance butterfly, Chemical resistant lined, plug and butterfly valves.



Top entry severe service ball valves.



Cast, carbon and stainless steel gate, globe and swing check valves.



High performance butterfly valves in standard and fire safe configurations.



Single door swing check valves.



Precision engineered check valves.



Double door high performance check valves.



Ball, gate, globe, and check valves.



Ball valve and actuation solutions for the process and purity markets.

## Actuation & Accessories



Pneumatic and electric actuation systems for valves and dampers. Valve monitors and positioners.



Multi-turn and quarter-turn electric actuators for valves and dampers.



Pneumatic and electro-pneumatic valve positioners.



Pneumatic, hydraulic and electric quarter-turn and linear valve actuators.



Solenoid valves for process automation.



Monitoring and communications for discrete valves. Hazardous location wiring and fieldbus solutions.



Electric on/off and modulating actuators with an optional "spring return" fail state.



Unique rack & pinion pneumatic actuators and accessories.



Rack & pinion and electric quarter turn actuators and accessories.



Discrete monitoring and control of process valves.



Pneumatic and electro-pneumatic positioners for valve, damper applications.

## Control Valves



Sliding gate and globe style self contained pressure regulators and control valves.



High purity control valves, pressure regulators and piping specialties. ASME BPE certified.



Fractional flow process control valves.



Solid and segmented v-ball process control valves.



An aerospace-inspired, versatile precision control valve that is "Piggable" with bubble tight shut off.

## Specialties



High tech 3D scanning of OEM parts, reverse and re-engineering the remanufacture of critical parts. Lower cost, faster delivery than OEM. Solving your obsolete material requirements.



Liquid level gages and valves, steam gages, capacitance columns and switches, magnetic gages, armored tubular and sight flow indicators.



Instrument and analyzer tubing, instrument enclosures and supports.



Compressed air and process filtration solutions for air/technical gases, liquids and steam.



Ultrapure and potable water quality instruments, on-line water analyzers, measurement and control packages.

# SWANSON FLO PERFORMANCE

Factory certified technicians, repair and parts for:



**Foxboro**

by **Schneider** Electric

We also repair equipment from other manufacturers.



## Multi-brand factory trained control valve repair center

Swanson Flo Performance supports every process control customer with region-based, full-capability service and repair. Our factory-certified technicians provide you with a complete overhaul and repair of the control valves, actuators, and instrumentation. Equipment is fully disassembled, inspected, cleaned, reassembled, calibrated, and tested to meet factory original standards. Swanson Flo Performance utilizes only factory OEM parts to repair your equipment.



## Precision, Performance, Perfection

- COMMISSIONING** - To ensure that equipment performs to expected specifications
- MECHANICAL INSPECTION** - Detailed reports on the mechanical health of your valves
- VALVE REPAIR** - Returning your valves to "like new" condition
- ONSITE REPAIR** - Bringing resources and equipment to you
- OEM PARTS** - Certified original manufactured parts maintaining highest standards
- RE-INSTRUMENTATION** - Upgrading performance and equipment to meet ever-changing needs
- SITE SURVEYS** - Gathering plant data for asset management
- TRAINING** - Hands-on technical and practical training for you

IOWA SALES OFFICE

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