

## Control Valves and Regulators

**FISHER**

**EXPANDED SERVICE** Fisher engineered control valves for water, steam, and process applications.

**SEVERE SERVICE** Fisher engineered control valves for high pressure, high temperature, cryogenic and critical control applications.

**PRESSURE REGULATORS** for water, steam, process and natural gas applications. Tank blanketing service ACE™ engineered tank management solutions.

**BAUMANN**

**GENERAL SERVICE** Baumann control valves for water, steam, and process applications.

**SANITARY** Baumann control valves for food & beverage process and CIP applications.

## Ball Valves

**EMERSON VIRGO**

**EXPANDED SERVICE** Virgo ball valves for water, steam, & process applications. Composite seat & trim for high temperature & abrasive service.

**KACE**

**GENERAL SERVICE** Kace ball valves for water, steam, and process applications.

**HABONIM**  
Industrial Valves & Actuators

**EXPANDED SERVICE** Habonim three & four way diverter, double block & bleed, and cavity filled ball valves for oxygen, chlorine, high purity, cryogenic and other services requiring alloy construction. Flo-Tite ball valves for water, steam, and process applications. Composite seat & trim for high temperature & abrasive service.

**FLO-TITE**  
valves & controls

**FISHER**

**Z500**

**SEVERE SERVICE** Fisher Z500 ball valves for high temperature and high pressure steam and water applications in the power industry. Warranted 5-year zero leakage.

**ARGUS**

**SEVERE SERVICE** Argus ball valves for process applications in the hydrocarbon industry. Full trunnion design, composite trim for severe slurry, abrasive, and high temperatures.

**Farris**

## Pressure Relief Valves & Disks

Farris pressure relief valves for protecting equipment against excessive overpressure. Zook rupture disks, explosion vents, and other pressure relief products.

**ZOOK**

## Butterfly Valves

**FISHER**

**EXPANDED SERVICE** Fisher high performance, linear characteristic control valves.

**CAMERON**

**GENERAL SERVICE** Cameron WKM™ butterfly valves for water, steam, and process.

**EXPANDED SERVICE** Fisher Control-Disk™ equal percentage characteristic control valves.

**CRANE**

**GENERAL SERVICE** Crain Centerline™ butterfly valves for water, steam, and process.

**EMERSON VIRGO**

**SEVERE SERVICE** Emerson Virgo TriTork triple offset valve for water, steam and process applications. Zero leakage design for high temperature, and high pressure service.

**Solent & Pratt**

**SEVERE SERVICE** Solent & Pratt triple offset valve for water, steam and process applications.

## Specialty Valves

**ASCO**

ASCO solenoid valves including 3-way, and 4-way controls.

**FLOWROX**

FlowRox pinch, knife gate and rotary disc slurry valves for high viscosity, corrosive and abrasive flow control applications.

**Shan-Rod**

Shan-Rod dampers & fabricated butterfly valves for the power, refining, mining & steel industries.

**NP**  
North Port Valves

North Port knife gate valves for powder, slurry, abrasive and pulp & paper industry applications; scavenger service perimeter-seated bi-directional.

**PHÖNIX**

Phönix bellows sealed globe valves for liquid chlorine and other highly toxic, aggressive and corrosive media.

## Positioners / Switches

**PMV VAC**

PMV and VAC electro-pneumatic and pneumatic positioners.

**TOPWORX GO SWITCH**

TopWorx GO Switch mechanical and hermetically sealed inductive proximity position indication; leverless limit switches for harsh environments.

**FISHER**

Fisher digital, high performance valve controllers and positioners. Advanced Diagnostics, Valve Signature Analysis, SIS and PST.

## Emerson Actuators / Solenoids



Field Q pneumatic quarter turn rack & pinion rotary actuators. SIL rated integral control and position feedback modules.



Bettis and EI-O-Matic pneumatic, electric & hydraulic quarter turn and linear actuators. Options for SIL rated final control element and emergency shutdown applications.



EIM Electric quarter turn and multi-turn actuators.



## Damper Drives



TMS pneumatic, electric, and hydraulic drive solutions for air/exhaust flow control. Custom solutions and pre-engineered Bailey and Hagan upgrades.

## Steam Traps



TLV thermostatic, thermodynamic, and FreeFloat steam traps and TrapMan™ steam trap surveys.

## Combustion Gas Analytical



Rosemount Analytical specialty service in-situ O<sub>2</sub>, CO, and opacity analyzers for combustion gas measurement; high temperature, corrosive, and abrasive gas applications.

## Flame & Gas Detection



Rosemount Analytical flame detectors, fixed toxic and combustible gas detectors, ultrasonic gas leak detectors, aspirators, and other process safety equipment.

## Remote Automation Solutions



Fisher ROC & FloBoss RTUs and flow computers; Bristol ControlWave RTUs & Flow computer.



## Process Control Systems



DeltaV digital automation systems help improve your operations by harnessing today's predictive technologies in an easy, intuitive, and interoperable way to connect your people, processes, and production.



DeltaV SIS safety instrumented system protects your assets and improves your plant performance and diagnoses faults before they cause spurious trips.

## Asset Management



AMS Asset Management Software Suite powers PlantWeb by using predictive intelligence to improve availability and performance of production assets including mechanical equipment, electrical systems, process equipment, instruments and valves.

## Machinery Health Management



CSI predictive technologies for vibration, oil analysis, infrared thermography, ultrasonic performance monitoring. Online protection and prediction systems, wireless predictive vibration transmitters and Emerson portable technology.

## Valve Repair Services



Fisher OEM certified valve repair available on-site, in-line, and at any of our local repair facilities. Outage & turnaround services provide managed solutions for any control valve repair scope. Midwest Valve Services comprehensive valve repair includes the complete scope of pneumatic, electric, or hydraulically actuated isolation valves, safety relief valves, and manual gate, globe & check valves.



## Novaspect Services



Novaspect has a full range of professionals that serve our customer's automation & process control needs. Our staff includes control system engineers, designers, project managers, data integration specialists & site engineers. SureServices include Automation Engineering, Asset Management Services, Asset Reliability Services, Repair Services and Steam Services.

## Education / Training



Whether it's at your site, at one of our facilities, or online, Novaspect offers valuable training courses taught by industry experts to help you engineer, operate, maintain, and manage your industrial processes.