



**AUTOMATED  
PROCESS**

L I M I T E D

*...innovative know-how*

- Solenoid Valves
- Angle Seat Valves
- Diaphragm Valves
- Butterfly Valves
  - Ball Valves
  - Gate Valves
  - Globe Valves
- Hygienic and Aseptic Sample and Vent Valves
  - Check (Non-Return) Valves
- Safety, Pressure Relief & Control Valves
  - Pinch Valves
- Pilot Operated Automatic Globe Control Valves
  - Direct Acting Control Valves
    - Ball Float Valves
  - Water & Wastewater Air Valves
    - Air Vented Anti Surge Tanks
- Hygienic Fittings and Connections
  - Valve Actuators
- Valve Actuators Controls & Automations

## Control Valves and Actuators



# CONTROL VALVES AND ACTUATORS



**AUTOMATED  
PROCESS  
LIMITED**  
*...innovative know-how*

| Solenoid Valves | Angle Seat Valves | Diaphragm Valves | Butterfly  
Valves | Ball Valves | Gate Valves | Globe Valves | Hygienic and Aseptic  
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**CSA**

**bürkert**  
FLUID CONTROL SYSTEMS

**ABO**

SCHUBERT & SALZER

**RIEGER**  
NEUMO Energy Group

**AWH**  
NEUMO Engineering Group

# SOLENOID VALVES

- o Suitable for various fluids and applications
- o General purpose 2/2 and 3/2 Solenoid Valves
- o Water Solenoid Valves
- o Steam Solenoid Valves, up to 180 Degree C
- o Hazardous Locations Solenoid Valves
- o High Pressure Solenoids Valves
- o Cryogenic Solenoid Valves, -200 - +180 Degree C
- o Media Separated Solenoid Valves
- o Motor Driven Solenoid Valves
- o Solenoid Control Valves
- o Accessories



## ANGLE SEAT VALVES

- o Suitable for various fluids and applications
- o Manual Control
- o Pneumatic Control
- o Electric Control

- o With Positioner Control
- o 3-Way Valve
- o Cluster Distribution and Collecting



# DIAPHRAGM VALVES

- o Manual Control
- o Pneumatic Control
- o Electric Control



# BUTTERFLY VALVES

- o Concentric Butterfly Valves
- o High Performance Butterfly Valves
- o PTFE-Lined Butterfly Valves
- o Hygienic Butterfly Valves with various Hygienic Fittings
- o T-Butterfly Valves or 3-way Butterfly Valves
- o Leakage Butterfly Valves
- o Actuation by hand, Pneumatic, Hydraulic and Electric



## **BALL VALVES**

- o Full and Reduced bore versions
- o Floating and Trunnion mounted ball
- o Soft and Metal seats versions
- o Forged Ball Valves
- o 3-piece forged Ball Valves
- o Hygienic Ball Valves

- o Ball Check Valves
- o Actuation by hand, Pneumatic, Hydraulic and Electric



## **GATE VALVES**

- o Suitable for various fluids and applications
- o Bolted bonnet design
- o Pressure seal design
- o Resilient seated design
- o Forged Gate Valves
- o Knife Gate Valves
- o Sliding Gate Valves
- o Actuation by hand, Pneumatic, Hydraulic and Electric







# GLOBE VALVES

- For the General, Chemical and Oil/Gas Industry



**AUTOMATED  
PROCESS  
LIMITED**  
*...innovative know-how*

- o Bolted bonnet design
- o Pressure seal design
- o Globe Valves with bellow
- o Globe Valve without bellow
- o Forged Globe Valve with reduced bore
- o Globe Valves from Burkert
- o Actuation by hand, Pneumatic, Hydraulic and Electric





# GLOBE VALVES

- For the Hygienic and Aseptic Industry



**AUTOMATED  
PROCESS  
LIMITED**  
*...innovative know-how*

- o Single Seat Valves
- o Mix Proof Valves
- o Double Seal valves
- o Filling Valves
- o Flow Control Valves
- o Overflow Valves
- o CERTIFIED VALVES: 3-A certified, ATEX certified, EHEDG certificated, TA Luft certificated and TUV certificated
- o Valve System and Manifold
- o Complete and Assorted Valve Automation Systems



## HYGIENIC AND ASEPTIC SAMPLE AND VENT VALVES

- o Sample Valves with various hygienic fitting connections
- o Pneumatic Sample Valves with various hygienic fitting connection
- o Assorted Aseptic BioCheck Sampling Valves
- o Vent and Exhaust Valves



# CHECK (NON-RETURN) VALVES

- o Hygienic and Aseptic Check Valves
- o Swing Check Valves
- o Ball Check Valves
- o Spring Check Valves
- o Dual Plate Check Valves
- o Poppet Check Valves



## SAFETY, PRESSURE RELIEF & CONTROL VALVES

- o Safety & Pressure Valves for various media
- o Hygienic Safety & Pressure Relief Valves
- o Can be manually or pneumatically operated
- o Pressure Control (Regulating) Valves



## PINCH VALVES

Unlike other valves types, only a few components inside pinch and diaphragm valves are getting in contact with the operating fluid. Long service life, reliability, safety and resistance to aggressive and abrasive media, combined with the excellent control quality of the integrated positioner, lead to an ideal control valve with minimal maintenance and low operating costs.



# PILOT OPERATED AUTOMATIC GLOBE CONTROL VALVES

*Suitable for the following control applications:*

- o Pressure reducing
- o Pressure relief/sustaining
- o Flow control
- o Level control
- o Solenoid control
- o Pressure management
- o Anti-surge
- o Pump control
- o Double chamber
- o PN 40
- o Accessories



## DIRECT ACTING VALVES

*Suitable for the following control applications:*

- o Pressure reducing
- o Pressure relief/sustaining
- o Fast acting surge prevention
- o Versions for industry/seawater





## BALL FLOAT VALVES

### o Equilibrium mechanical ball float valve



## WATER AIR VALVES

***Suitable for the following control applications:***

- 0 Air release
- 0 Combination
- 0 Anti-shock/Anti-slam
- 0 Underground
- 0 Versions for industry/seawater
- 0 Versions for submerged applications
- 0 Versions for anti-water-hammer
- 0 Special applications



## WASTEWATER AIR VALVES

**Suitable for the following control applications:**

- o Combination
- o Anti-shock/Anti-slam
- o Versions for submerged applications
- o Versions for anti-water-hammer
- o Special applications



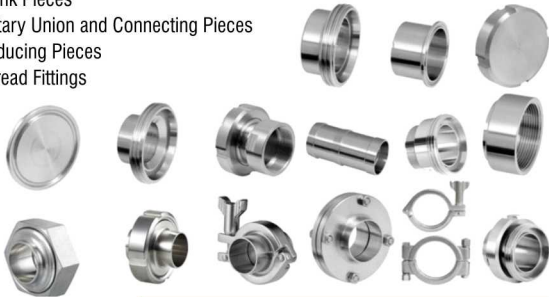
## AIR VENTED ANTI SURGE TANKS

- o Air vented anti surge tank (patented)
- o Surge prevention tank with diaphragm



# **HYGIENIC FITTINGS AND CONNECTIONS**

- o Unions (RJT, SMS, IDF, DIN, Clamps, Flanges)
- o Hose Connecting pieces
- o Blind Nuts
- o Male and Female Adaptors
- o Blank Pieces
- o Rotary Union and Connecting Pieces
- o Reducing Pieces
- o Thread Fittings



# VALVE ACTUATORS

- o Pneumatic Single and Double Acting Actuators
- o Electric Actuators
- o Hygienic Cylindrical or Rising Stem Actuators
- o Hydraulic Actuators



# VALVE ACTUATORS CONTROLS & AUTOMATION

- o External pilot valves for actuators
- o Accessory for pneumatic rotary and rising stem actuators
- o Valve Islands - AIRLINE
- o Analogue and Digital electro-pneumatic Positioner
- o Digital electro-pneumatic Process Controller with integrated valve applications
- o e-CONTROL Universal
- o IFM Sensors for Valve Actuators



## OUR INDUSTRIAL SOLUTIONS AND SERVICES OFFERING



1. Liquid/gas storage/buffer tank level measurement and control
2. Liquid/solid dosing/filling/batching systems
3. Utility liquid/gas metering and inventory systems
4. Fluid loading and unloading systems
5. Industrial safety systems
6. Energy monitoring and management systems
7. Condition monitoring and control systems
8. Instrument maintenance and calibration services
9. Process plants/machines instrumentation and control
10. Compressed air quality solution according to ISO8573
11. Compressed air/gas leak detection and control
12. Control valves system design, assembly and services
13. Industrial wireless and IoT systems
14. Motors, pumps and fans monitoring and controls
15. Electrical panel building components, accessories and services

## INDUSTRY

- Food and Beverage
- Pharmaceuticals
- Cement and Chemicals
- Plastics, Printing and Packaging
- Marine, Oil & Gas
- Power and Energy



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