

# SOLUTIONS

**samson**



**SAMSON**  
MESS- UND REGELTECHNIK



 **AIR TORQUE**

**CERA SYSTEM**<sup>®</sup>  
✓ more than ceramics

**LEUSCH**

**Pfeiffer**  
Chemie-Armaturenbau GmbH

**RINGO**   
VALVULAS

 **SAMSOMATIC GMBH**

 **STAR LINE**

 **VETEC**  
Ventiltechnik GmbH

SMART IN FLOW CONTROL.



# Intelligent Valve Engineering from a Single Source

**HART**  
COMMUNICATION PROTOCOL

**PROFI  
BUS**

**FOUNDATION**

**FDT**

**EDDL**



SAMSON develops and manufactures control equipment to meet all requirements, from forged ball valves to bypass valves installed in steam turbines. SAMSON is a one-stop shop for the full range of high-quality and state-of-the-art control equipment used in industrial processes.

SAMSON offers engineered solutions from a single source, for example, valves with accessories, such as solenoid valves from SAMSOMATIC, a SAMSON subsidiary.

Control valves automated with positioners communicate using all common protocols and bus systems and can be integrated seamlessly into all common process control systems.

The benefits speak for themselves:

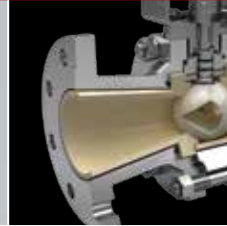
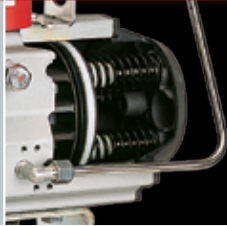
**SAMSON provides customers with the whole range of valve engineering products and services from one single source.**

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 **AIR TORQUE**

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✓ more than ceramics



**SAMSON** – For over one hundred years, SAMSON has developed and manufactured control equipment for industrial processes. From rugged self-operated regulators to highly specialized control valves for industrial processes, SAMSON manufactures valves in all common sizes, in standard materials and exotic alloys, equipped with different actuators, tailor made for the specific demands of each application.

**AIR TORQUE** – Manufacturing pneumatic rotary actuators for any kind of rotary control valve, AIR TORQUE has become the world leader in this special field. Technical features of the actuators include external adjustment of the end positions and their involute gearing, which continuously converts the travel movement into a rotary motion without any friction.

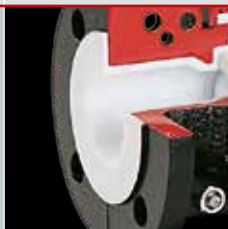
**CERA SYSTEM** – High-performance ceramic materials provide solutions wherever standard valves reach their limits in resistance to wear, corrosion and high temperatures. CERA SYSTEM specializes in ball and sliding disk valves as well as pipe components with ceramic linings. Industry-specific applications catered for include coal gasification and photovoltaics.



# LEUSCH

**Pfeiffer**  
Chemie-Armaturenbau GmbH

**RINGO**   
VALVULAS



**LEUSCH** – The specialized manufacturer focuses on valves for pipe diameters up to three meters. LEUSCH's control and shut-off butterfly valves, ball valves and segmented ball valves are equipped with soft or metal seals, are suitable for both extremely low and extremely high temperatures from  $-196$  to  $+1000$  °C and can handle high pressure ratings up to PN 420 or Class 2500.

**Pfeiffer** – The high-quality, homogeneous polymer linings, such as PTFE and PFA, are used in control, butterfly and ball valves to provide solutions for numerous applications. A wide product range of ball and butterfly valves made of metal alloys, turnkey pigging systems, pigging components and sampling valve technology round off the product portfolio.

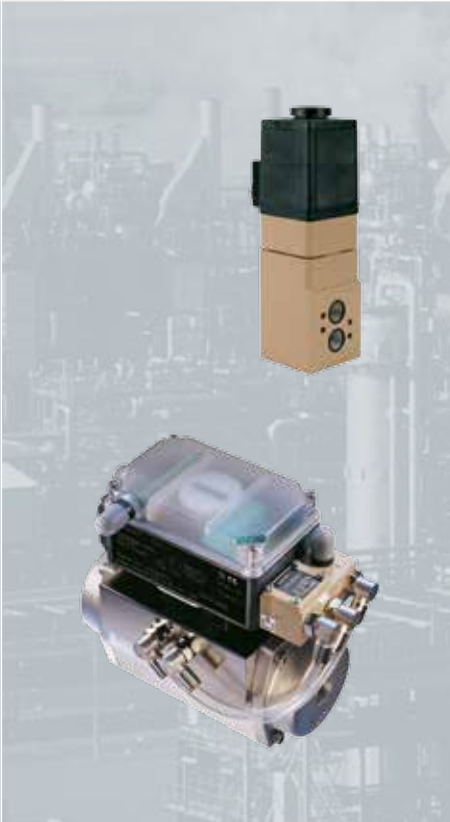
**RINGO VÁLVULAS** – The valve specialist is renowned for valves in large nominal sizes and high pressure ratings for power stations, as well as the oil and gas sector. Its product range includes ball valves, control valves, gate, globe and check valves, choke valves and axial flow valves as well as special valves, such as subsea valves or double block and bleed valves.



SAMSOMATIC GMBH



VETEC  
Ventiltechnik GmbH



**SAMSOMATIC** – Smaller turnkey systems and services in consulting, project management, manufacturing, commissioning and validation are the core business of SAMSOMATIC. Intrinsically safe solenoid valves with a low power consumption and limit switches to control and monitor actuators in hazardous areas as well as safety instrumented systems round off the product range.

**STARLINE** – Forged steel ball valves in sizes NPS ¼ to 12 and ANSI Class 150 to 2500 as well as in API 6A pressure ratings are mainly used in special applications, such as upstream, cryogenic and high-temperature service. Thanks to superior quality, STARLINE is a top supplier to all major oil and gas companies as well as EPC contractors.

**VETEC** – The Maxifluss control valves by VETEC bring together the strengths of control valves, butterfly valves and ball valves. Their universal design makes them suitable for use in both standard and critical applications. Thanks to the eccentric rotary plug, the plug touches the seat only when the valve is fully closed. This ensures exact control and a high rangeability.

