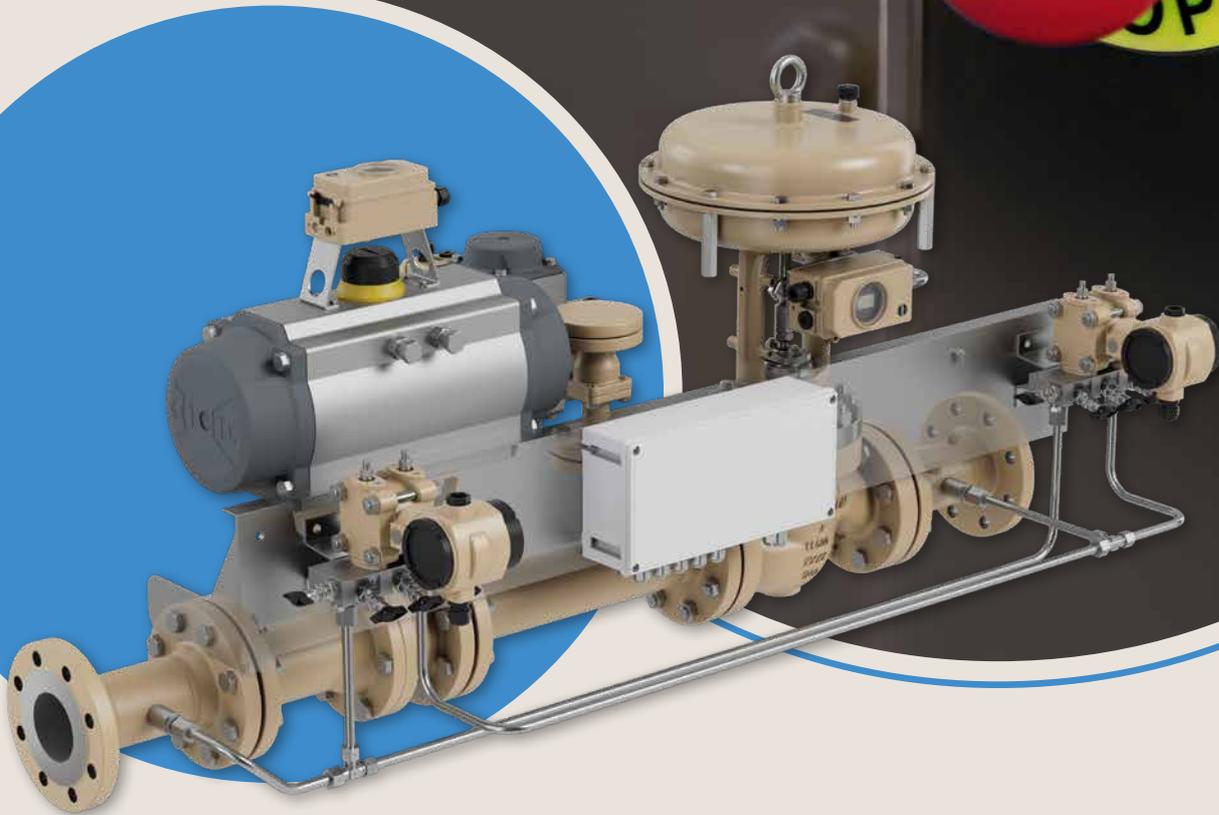


**SAMSON**

AND  
EVERYTHING  
FLOWS



## SAMSON SAFETY- INSTRUMENTED SYSTEMS (SIS)

### REDUCE RISK. MAXIMIZE SAFETY.

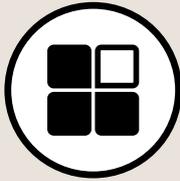
- Easy start-up and maintenance by our SAMSON experts
- Certified safety
- Seamless integration into your safety concept
- High level of availability at maximum safety
- Reliable stand-alone solution
- Engineering support and documentation from a single source
- Service scheme
- Including SAMSON safety manual



AND  
EVERYTHING  
FLOWS

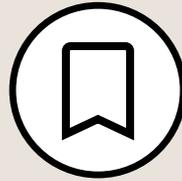
# SAMSON SAFETY-INSTRUMENTED SYSTEMS

SAMSON offers smart safety-instrumented systems (SIL 2 and SIL 3 according to IEC 61508/IEC 61511) for reliable, compliant and cost-effective service in safety-critical process – even under extreme conditions.



### Modular, scalable system architecture

Single-channel (SIL 2) and dual-channel (SIL 3) solutions available



### Certified safety according to international standards

IEC 61508 and IEC 61511 compliance



### Flexibility in device selection

Compatible with different sensor makes

Our single-channel (SIL 2) and dual channel (SIL 3) systems comprise perfectly tailored valves, control units and sensors. The safety integrity level achieved by the safety-instrumented system (including PFD values) is documented in a manufacturer's declaration.

<b>Products</b>	Type 7315, Type 7316, Type 7301, Type 7305
<b>Type of service</b>	Types 7315, 7316: emergency shutdown (SIL 1/2/3), Types 7301, 7305: backflow protection (SIL 2/3)
<b>Version</b>	Single-channel version SIL 1/2, dual-channel version up to SIL 3
<b>Supply</b>	1.4 to 7 bar/20 to 105 psi
<b>Explosion protection</b>	Intrinsic safety (Ex i) possible
<b>Limits of application</b>	DN 15 to 500, PN 16 to 400
<b>Standards</b>	ASME, IEC
<b>Documentation</b>	Safety manual   mounting, operating and maintenance instructions   SIL certificate by SAMSON



Check out our website for further details