

Clean and Reliable

SAMSON



## Self-operated pressure regulators for the food processing and pharmaceutical industries

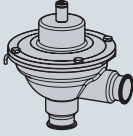
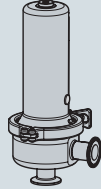
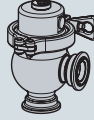
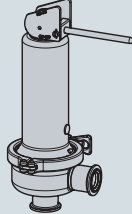
- Suitable for liquids and gases from 0 to +160 °C (32 to 320 °F)
- Pressure reducing valve and excess pressure valve for set points between 0.3 and 6 bar (5 to 90 psi)
- Optionally with pneumatic set point adjustment
- Cavity-free valve body design
- FDA-approved materials
- CIP and SIP versions with stem locking facility to keep the plug open
- Wetted inside surfaces with polished or smooth finish



SMART IN FLOW CONTROL

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<b>Versions</b>				
<b>Type</b>	Type 2371-10 Pressure Reducing Valve with pneumatic set point adjustment	Type 2371-11 Pressure Reducing Valve with manual set point adjustment	Type 2371-00 Excess Pressure Valve with pneumatic set point adjustment	Type 2371-01 Excess Pressure Valve with manual set point adjustment
<b>CIP or SIP</b>	Pneumatic and manual		Pneumatic	Pneumatic
<b>Valve size</b>	DN 32 to 50 (NPS 1¼ to 2)	DN 15 to 50 (NPS ½ to 2)		
<b>Industry standard connections</b>	Clamp, threaded end or flanged connections according to international standards		Clamp, threaded or flanged connections or welding ends according to international standards	
<b>Max. operating pressure</b>	10 bar (150 psi)			
<b>Set point range</b>	0.3 to 6 bar (5 to 90 psi)			
<b>K<sub>vs</sub> C<sub>v</sub></b>	10 to 16 12 to 20	0.63 to 5.2 0.75 to 6	0.25 to 25 0.3 to 30	0.25 to 10 0.3 to 12
<b>Permissible temperature</b>	0 to 160 °C (32 to 320 °F)			
<b>Sterilization temperature</b>	180 °C (356 °F) Up to 30 min.			
<b>Body Plug Diaphragm</b>	1.4409 (CF3M) 1.4404 (316L) PTFE-coated EPDM diaphragm	1.4404 (316L)* 1.4404 (316L)* PTFE-coated EPDM diaphragm		

\* For Type 2371-00 with K<sub>vs</sub> 25/C<sub>v</sub> 30, the body and plug are made of 1.4409 (CF3M).

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