

T 2500-1 EN

Selection Guide for Pressure Regulators



Self-operated Regulators

Pressure regulators

Selection criteria · Sheet 1

Pressure regulators suitable for ...	The SAMSON range includes the following regulators ...			
Process engineering plants	•	•		
Cryogenic applications				
Industrial energy networks, including air networks	•	•		
Heating, ventilation and air-conditioning	•	•		
District heating				
Food and pharmaceutical industries, FDA compliant	•	•	•	
Free of non-ferrous metal	•	Possible		
Stainless steel	•/Possible	•/Possible	•/Possible	
Typetested · Safety version				
Pressure reducing valves				
	Type 41-23 ¹⁾ · ▶ T 2512	Type 44-0 B ¹⁾ · ▶ T 2628	Type 2371-10/-11 · ▶ T 2133	
				
	Type 2405 · ▶ T 2520	Type 44-1 B ¹⁾ · ▶ T 2626		
Excess pressure valves				
	Type 41-73 ¹⁾ · ▶ T 2517	Type 44-6 B ¹⁾ · ▶ T 2626	Type 2371-00/-01 · ▶ T 2133	
				
	Type 2406 · ▶ T 2522			
Pressure limiters with/without pressure regulators				

¹⁾ Special version available with external pilot supply for set point adjustment

The SAMSON range includes the following regulators ...

	•	•			•
		•	•	•	•
		•	•	•	•
		•	•	•	•
	•				
		Possible			Possible
	•/Possible	Possible			Possible
			Typetested by TÜV	Typetested by TÜV	
					
	Type 2404-1 · ▶ T 2538	Type 2334 · ▶ T 3210	Type 33-1 (SSV) · ▶ T 2551	Type 36-4 (SSV) · ▶ T 2546-3	Type 2333 · ▶ T 2552
					
			Type 2449 (SSV) · ▶ T 2630	Type 2443 (SSV) · ▶ T 2623	Type 2422/2424 · ▶ T 2547
					
	Type 2404-2 · ▶ T 2540	Type 2334 · ▶ T 3210		Type 36-8 (SEV) · ▶ T 2546-2	Type 2335 · ▶ T 2552
					
		Type 33-7 · ▶ T 2551		Type 2444 (SEV) · ▶ T 2632	Type 2422/2425 · ▶ T 2549
					
			Type 2401 · ▶ T 2519		

Self-operated Regulators

Pressure regulators

Selection criteria · Sheet 3

Pressure regulators suitable for ...	The SAMSON range includes the following regulators ...	
Process engineering plants		
Cryogenic applications		•
Industrial energy networks, including air networks	•	
Heating, ventilation and air-conditioning	•	
Free of non-ferrous metal		
Stainless steel		•/Possible
Typetested · Safety version		EC type examination
Corrosive media		
Pressure reducing valves	 Type 2442 ▶ T 2623	 Type 2357-1 ▶ T 2557  Type 2357-11 · ▶ T 2560
	 Type 2447 ▶ T 2723	 Type 2357-2 ▶ T 2557  Type 2357-21 · ▶ T 2560
Pressure build-up regulators and excess pressure valves		 Type 2357-3 · ▶ T 2559 Type 2371-10/-11 · ▶ T 2560