



Overload Pressure Control Valves adjustable

Application	The adjustable overload pressure control valve serves as protection against overpressure exceeding the pressure range of the gauge
Adjusting range	0.4 up to 400 bar
Max. pressure	600 bar brass 1000 bar stainless steel
Work temperature	to 80°C
Materials	Brass, stainless steel (piston stainless steel 1.4571 seal O-ring viton)
Execution	A plunger valve is mounted in the cylindrical part of the housing. The outlet remains open with the aid of a preloaded spring until the pressure on the piston overpowers the preset resilience and automatically closes the valve. After drop of the system pressure by approx. 25% of the closing pressure, the valve reopens. The piston returns to its initial position by the effect of the resilience DVGW-model available upon request!



Selection Chart

Dimensions	Connections		Closing pressure bar	Material	Ident. Number
	Entry	Exit			
	Tappet connection G ¹ / ₂	Clamp Muff connection G ¹ / ₂	0.4 ... 2.5	Brass ¹⁾	D 12062.1
				Stainless steel	D 12063.1
			2 ... 6	Brass ¹⁾	D 12062.2
				Stainless steel	D 12063.2
			5 ... 25	Brass ¹⁾	D 12062.3
				Stainless steel	D 12063.3
			20 ... 60	Brass ¹⁾	D 12062.4
				Stainless steel	D 12063.4
			50 ... 250	Brass ¹⁾	D 12062.5
				Stainless steel	D 12063.5
			240 ... 400	Brass ¹⁾	D 12062.6
				Stainless steel	D 12063.6

Note: 1) Clamp sleeve connection steel.



Overload Pressure Control Valves

- Application** To protect pressure gauges against overpressure and for the construction of cascade systems with pressure gauges having stepwise higher measuring ranges, in order to measure accurately small pressures in high pressures systems. Only usable for overpressure.
- Closing pressure** 1 to 60 bar
- Max. pressure** 400 bar
- Working temperature** -20 to 80°C
- Materials** Steel
Stainless steel
- Execution** Absolutely leak-proof by the use of a corrugated tube as a piston valve seal. Closing pressure from outside adjustable.



Selection Chart

Dimensions	Connections		Closing pressure bar	Material	Ident. Number
	Entry	Exit			
	Muff connection G ³ / ₈	Muff connection G ¹ / ₄	1 ... 6	Steel	D 10593.0
				Stainless steel	D 10593.1
			6 ... 25	Steel	D 10593.2
				Stainless steel	D 10593.3
			25 ... 60	Steel	D 10593.4
				Stainless steel	D 10593.5
	Tappet connection G ¹ / ₄	Rotatable muff connection G ¹ / ₂	Steel	A 7278.1	
			Stainless steel	A 7278.2	