



SCHÖNN
Medizintechnik GmbH

PRESSURE REGULATOR



PRESSURE REGULATOR

DESCRIPTION & FEATURES

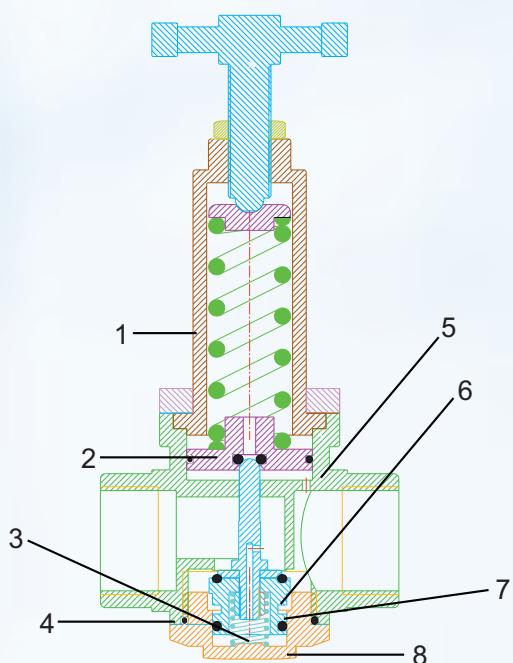
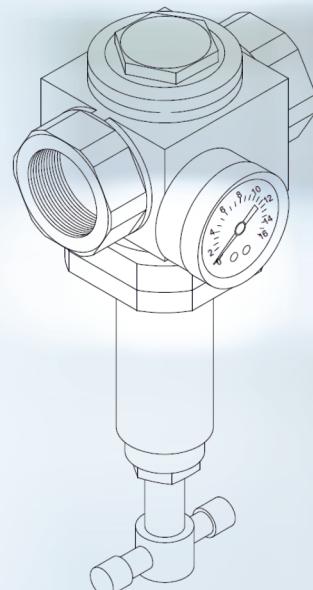


Pressure regulator is designed to reduce high inlet pressure and maintain the outlet pressure at a constant and adjustable level, independent of inlet pressure fluctuations or flow demand variations. It ensures safe, stable and efficient operation of downstream equipment.

- ◆ Ensuring constant and stable outlet pressure
- ◆ Made of Chrome Plated Brass Body and compatible with Oxygen and Medical Gases
- ◆ Compatibility with medical gas pipeline systems
- ◆ Adjustable outlet pressure range
- ◆ Robust and durable construction for long service life
- ◆ Easy installation and maintenance
- ◆ Standards: EN ISO 10524-2 and EN ISO 10524-4

Technical Drawing

FEATURE	DESCRIPTION
Working fluid	Compressed air, Oxygen
Max. working pressure	20 Bar
Proof pressure	30 Bar
Set pressure	0,5 - 12 Bar
Pressure relief	With relief mechanism
Ambient / fluid temperature	-5° to 65°
Port size	1" , 1¼"
Max. gas flow rate	500 m³/h
Weight	4100 g



NO	COMPONENT NAME	MATERIAL
1	Adjustment cover	Brass
2	Piston assembly	Brass
3	Bottom spring	Stainless steel
4	Sealing element	EPDM rubber
5	Regulator housing	Brass
6	Valve assembly	Brass
7	Sealing element	EPDM rubber
8	Lower end plug	Brass