

# Pressure Regulators

Parker Legris pressure regulators **stabilise at the maximum determined value** the pressure delivered to the pneumatic equipment, whatever the fluctuations of the pressure upstream.

## Product Advantages

**Ergonomics** | Easy adjustment of the output pressure through the knurled screw  
 Lockable adjustment possible  
 Output pressure adjustment options marked on the screw

**Energy Savings** | Setting of the optimum pressure enables the equipment to function correctly  
 Installation in a manifold allows optimum output pressures to be delivered to specific parts of the circuit  
 Designed for applications where cylinder force needs to be controlled: marking, sleeving, crimping cylinders etc.



Robotics  
 Textile  
 Semi-Conductors  
 Packaging  
 Pneumatics

Applications

## Technical Characteristics

<b>Compatible Fluids</b>	Compressed air
<b>Working Pressure</b>	Upstream pressure: 1 to 16 bar Downstream pressure: 1 to 8 bar
<b>Working Temperature</b>	-10°C to +70°C

<b>Max. Tightening Torques</b>	Threads	G1/8	G1/4	G3/8
	daN.m	0.4	0.5	0.6

### Component Materials



### Silicone-free

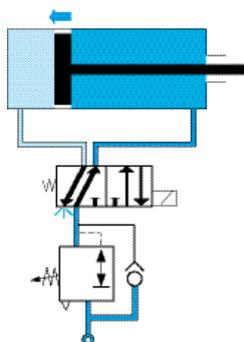
### Regulations

DI: 2002/95/EC (RoHS)  
 RG: 1907/2006 (REACH)  
 DI: 97/23/EC (PED)

## Operation

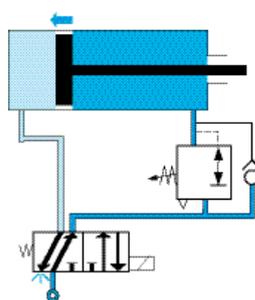
### Mounting Upstream of the Control Valve

Adjustment of the piston feed pressure in both directions



### Mounting Downstream of the Control Valve

**Phase 1:** adjustment of the piston speed in a single direction



**Phase 2:** in return direction, pressure is supplied through the control valve

