

Piloted Non-Return Valves

Piloted non-return valves are designed to **protect installations**: if the compressed air supply is removed, they lock the air supply to the cylinder, thus maintaining it in position.

Product Advantages

- System Protection**
 - Protection of your system
 - Control of inlet and outlet flow: cylinder operation optimised
 - Vent saves time on restart after maintenance operations (model 7894)
- 3 Functions in 1 Product**
 - A multi-purpose fitting:
 - piloted non-return valve
 - flow control regulator
 - manual exhaust
 - All-in-one product: integrated fittings for the control and supply
- Flexible Operation**
 - Orientable and adjustable through 3 axes
 - Can be integrated into any installation configuration
 - Push-in connection for quicker and more reliable installation
 - Mounted in pairs directly on the cylinder



Applications

- Pneumatics
- Assembly
- Robotics
- Machine Tools
- Packaging
- Handling
- Automotive Process

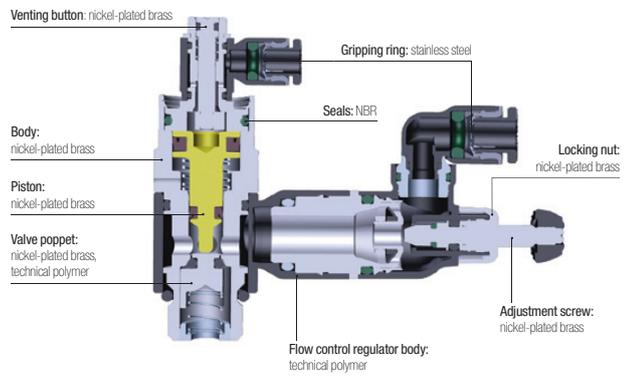
Technical Characteristics

Compatible Fluids	Compressed air
Working Pressure	1 to 10 bar
Working Temperature	-5°C to +60°C
Cracking Pressure	0.3 bar

Regulations

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

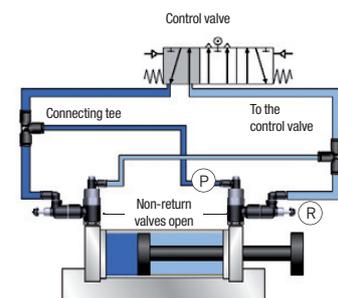
Component Materials



Silicone-free

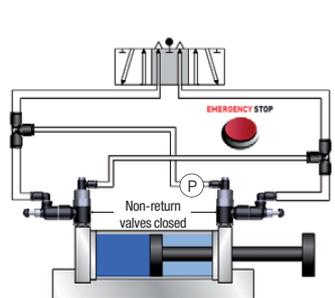
Operation

Normal Operation



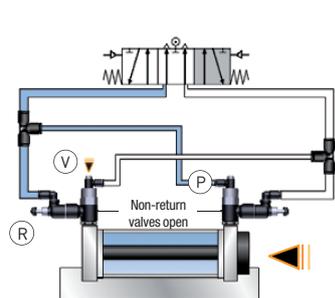
Pilot signal (P)
 Regulation of cylinder rod speed (R)

Emergency Stop or Pressure Drop



Drop/removal of pilot pressure (P) = cylinder rod locked

Venting Operation



Venting (V) returns the cylinder rod to the to start position, emptying the pressure chamber through the flow regulator (R) and pilot line (P)