

# Parker Product Datasheet



Piloted non-return valves are designed to protect installations. When the compressed air supply is removed, the non-return valves will lock the air supply to the cylinder. As a result, the cylinder will maintain its position.

**PART NUMBER:** 7892 08 17

**SHAPE:** Piloted non-return valve

**CONNECTION 1 SIZE:** G3/8

**CONNECTION 1 TYPE:** Male BSPP

**CONNECTION 2 TUBE OUTSIDE DIAMETER:** 8 mm

## PRODUCT OVERVIEW

Piloted non-return valves are designed to protect installations. When the compressed air supply is removed, the non-return valves will lock the air supply to the cylinder. As a result, the cylinder will maintain its position. This all-in-one product combines 3 functions for the control and supply, allowing you to optimise your stocks and save time on installation and maintenance operations.

Features/Benefits:

- 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

Markets:

- Factory Automation
- Vehicle Assembly Facilities
- Food and Beverage
- Semiconductor
- Wearing Apparel
- Packaging Machinery
- Rail

Applications:

- Pneumatic Cylinder Control
- Pneumatic Circuits Safety

Technologies:

- Flow control regulator
- Control valve
- Function fittings
- Venting operation
- Pressure regulator
- Pneumatic system

Technical Characteristics:

- Fluids: Compressed Air
- Materials: nickel-plated brass, stainless steel, NBR, technical polymer, silicone-free
- Pressure: Vacuum to 10 bar
- 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)

Product Types:

- Piloted Non-Return Valve, Male BSPP Thread
- Piloted Non-Return Valve with Flow Regulator and Exhaust, Male BSPP Thread
- Unequal Tee

# TECH SPECIFICATIONS

|                                      |                                         |
|--------------------------------------|-----------------------------------------|
| <b>MAXIMUM OPERATING TEMPERATURE</b> | 60 °C                                   |
| <b>DIVISION</b>                      | Low Pressure Connectors Europe Division |
| <b>MAXIMUM OPERATING PRESSURE</b>    | 10 bar                                  |
| <b>MINIMUM OPERATING TEMPERATURE</b> | -5 °C                                   |
| <b>SPECIFICATIONS MET</b>            | ROHS, PED, REACH                        |
| <b>MEDIA</b>                         | Compressed air                          |
| <b>BODY MATERIAL</b>                 | TECHNICAL POLYMER                       |
| <b>PRODUCT TYPE</b>                  | Piloted Non-Return Valves               |
| <b>O-RING MATERIAL</b>               | NBR                                     |
| <b>GRIPPING RING MATERIAL</b>        | STAINLESS STEEL                         |
| <b>WEIGHT</b>                        | 0.093 kg                                |

**INDUSTRY APPLICATION**

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

**QUANTITY PER BOX**

1

**PILOT PORT TYPE**

Push to connect : OD 4 mm