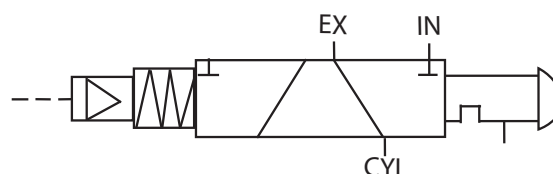
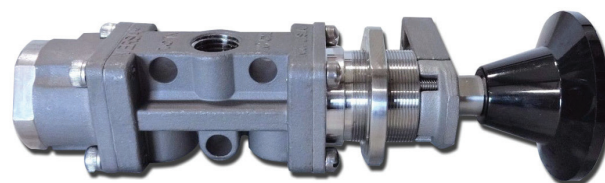


## Proserv CAC Versa Air Latch Pilot

The Proserv CAC Versa Air Latch Pilot valve is a critical link in the process valve loop to safely control the flow of air to pneumatic actuators which in turn move process valves to their required (open or closed) position for the output of production.

Pressure applied to the pilot latch port will not cause the pilot chamber to be pressurized until the knob is manually pulled out. Pilot pressure will then hold the valve open to flow against the spring. If the pilot pressure drops below 7 psi (0.5 bar) the spring will shift the valve to close the flow, and even if the pilot signal is restored, the valve will remain closed until the knob is manually pulled out.

Valves provided with the manual latch feature can be latched in the actuated position (open to flow) when there is no pilot pressure, by pushing the manual latchpin and holding it in while the knob is pulled out and released. To release the manual latch, pull the knob or apply a pilot signal.



Knob: Latching, Non-Indicating

### Features & Benefits

#### Materials

- Valve body and actuating caps: 316 stainless steel
- All internal wetted metal parts: 316 stainless steel NACE approved materials
- Valve Seals: FPM (fluorocarbon) O ring seals used as standard
- Screws: stainless steel

#### Porting and Flow

- Valve ports are 1/4 NPT; Pilot and solenoid ports are 1/8 NPT
- Flow area (orifice) is 0.196" (5mm)
- Cv (Kv) normally closed = 1.6 (23.2); normally open = 1.1 (16.0)

#### Media

- 0 to 200 psig (14 bar); Air or Hydrocarbon gases compatible with materials used

#### Temperature Range

- Manual, Mechanical, Pilot Valves: -10 °F (-23°C) to 200°F (95°C)

#### Installation, Filtration & Lubrication

- Valves have no limitations on mounting orientation
- 40-50 micron filtration recommended
- General purpose lubricating oil ISO, ASTM viscosity grade 32 recommended

### Technical Specification

#### Part No: VER-LV002-000

Pilot signal required	25-200 psi (1.7-14 bar) When available pilot signal will not be less than 40 psi, Suffix Option - S is recommended.
Maximum allowable exhaust backpressure:	5 psi (0.3 bar)

ingenious simplicity