

Miniature Valves:

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**CPB CARTRIDGE PILOT VALVE
10-32, 1/16" to 1/8" BARB**



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Design Considerations

- The Pilot Valves are a compact Normally Closed or Normally Open design
- Low Pressure Acuator requires approximately 15 psi to actuate
- 2-Way (Non-Exhausting) or 3-Way (Exhausting) 10-32 Female porting
- 3-Way (Dual Exhausting) Pilot Valves relieve air through a .063 Actuator Orifice and .063 Body Orifice

Example of how to order

Type	Flow Option	Seal	Inlet Port	Outlet Port	Pilot Port
Low Pressure Pilot Actuated	3-Way (Exhausting), Normally Closed	Buna	10-32 Female	10-32 Female	1/16 Barb

Part Numbers are a description of the valve as read left to right, Inlet Port to Outlet Port.

CPB3NC-B,10-32F,10-32F,1/16B= Low Pressure Pilot Actuated, 3-Way Exhausting, Normally Closed, Buna Seals, 10-32 Female Inlet x 10-32 Female Outlet, 1/16 Barb Pilot Port

Specifications

Material	BODY - Electroless Nickel Plated Brass, STEM - Brass
Spring	302 Stainless
Type	Low Pressure Pilot Actuated
Flow Option	2-Way (Non-Exhausting) Normally Closed, 3-Way (Exhausting) Normally Closed 2-Way (Non-Exhausting) Normally Open, 3-Way (Exhausting) Normally Open
Seal Option	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®)
Input Port	10-32 Female, 10-32 Male 1/16 Barb, 3/32 Barb, 1/8 Barb
Output Port ?	10-32 Female, 10-32 Male 1/16 Barb, 3/32 Barb, 1/8 Barb
Pilot Actuator Port	10-32 Female, 10-32 Male 1/16 Barb, 3/32 Barb, 1/8 Barb
Pilot Actuation Force	15 psi
Maximum Operating Temperature	180 °F
Flow Rate	3.0 SCFM at 50 psi
Compatibility Statement	It is the sole responsibility of the system designer and user to select products suitable for their specific application requirements and to ensure proper installation, operation, and maintenance of these products. Material compatibility, product ratings and application details should be considered in the selection. Improper selection or use of products described herein can cause personal injury or product damage.

Pricing and Minimum Order Requirement

Our Minimum Order Requirements are \$100.00 Domestic - \$250.00 International.
Pricing is based on the quantity ordered.
Please indicate a typical order quantity or Estimated Annual Usage when requesting pricing.

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