

Miniature Valves:

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**PILOT ACTUATED NEEDLE VALVE
10-32, 1/16" to 1/8" BARB**



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Design Considerations

- The Pilot Needle Valves are a compact 10-32 Female design
- Normally Closed or Normally Open Flow Option
- Approximately 35 psi is required to actuate
- Available with 6.5 Turn Adjustment Needle
- Smooth or Ribbed Knob in Black or Gray ABS
- Supplied with two Electroless Nickel Plated Panel Nuts and lock washer
- *** Knobs are Optional ***

Example of how to order

Type	Flow	Seal	Needle	Inlet	Outlet	Pilot	Knob
Pilot	<u>Option</u>	Buna	6.5 Turn	<u>Port</u>	<u>Port</u>	<u>Port</u>	No
Needle	Normally			10-32	10-32	1/16	Knob
Valve	Closed			Female	Female	Barb	

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

PANVNC-B,10-32F,10-32F,1/16B,NO KNOB = Pilot Needle Valve, Normally Closed, Buna Seals, 6.5 Turn Needle, 10-32 Female Inlet x 10-32 Female Outlet, 1/16 Barb Pilot, No Knob

Specifications

Material	BODY and PANEL NUTS - Electroless Nickel Plated Brass
Spring	302 Stainless
Flow Option	2-Way (Non-Exhausting), Normally Closed 2-Way (Non-Exhausting), Normally Open
Needle Option	6.5 Turn Brass
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
Knob	Smooth Black ABS, Smooth Gray ABS Ribbed Black ABS, Ribbed Gray ABS
Pilot Actuation Force	35 psi
Panel Mount Threads	15/32-32
Maximum Operating Temperature	180 °F
Flow Rate	2.1 SCFM at 50 psi
	It is the sole responsibility of the system designer and user to select products suitable for

Compatibility Statement	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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