

Features

- Durable brass construction
- Electroless nickel plated
- Low cracking pressure
- Poppet style
- Acetal release button
- Precision machined



Check Valves

Pneumadyne Check Valves are now available with the popular 1/4 Push-in connection. Push-in ports ease tubing connection and disconnection without the use of tools. Choose from five new configurations for plumbing convenience.



Pneumadyne offers a variety of barbed, 10-32, and 1/8 NPT check valves- refer to full line catalog for product information

Performance Data

Temperature Range		Operating Pressure			
-20° to 160° F		0 to 125 psi			
Porting Option In/ Out	C _v	Flow Rate (scfm)		Cracking Pressure	Fill sec/ in ³ 0-90 psi
		50 psi	125 psi		
C050601	.32	9.7	24.5	0.5	.01
C050602	.32	9.7	24.5	0.5	.01
C050603	.32	9.7	24.5	0.5	.01
C050604	.32	9.7	24.5	0.5	.01
C050605	.26	9.0	19.5	0.5	.01

Cv per ANSI / (NFPA) T3.21.3

95A durometer tubing recommended for use with Push-in ports

Materials

Brass/Electroless Nickel, Buna-N, Acetal, Stainless Steel

Twenty-one check valve configurations now available



Check Valve Cut-away

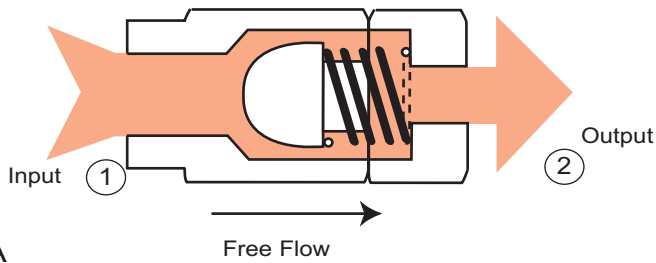


figure A

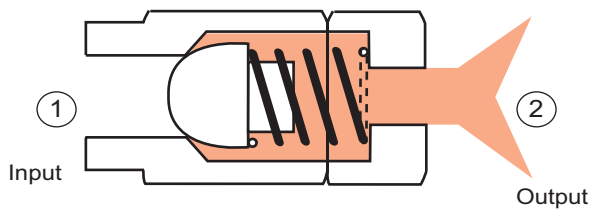


figure B

Function

The 1/4 Push-in style utilizes a poppet and spring. When system pressure at the check valve input 1 is high enough to overcome the low spring force (1/2 psi) the poppet is moved off its seat allowing flow out port 2. The flow of a fluid through the check valve is defined as "free flow". When fluid flow reverses the poppet is pushed into its seat, blocking or "checking" the system flow (figure B).

Ordering Information

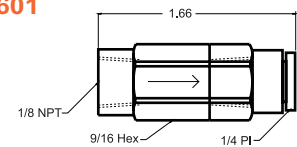
- Red release button standard;
contact factory for optional colors.
- To order standard product use part number listing.
- 95A Durometer Polyurethane tubing recommended.

Product Information

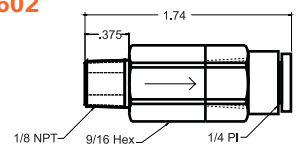
Part Number	Input	Output
C050601	1/8 NPT (F)	1/4 Push-in
C050602	1/8 NPT	1/4 Push-in
C050603	1/4 Push-in	1/8 NPT (F)
C050604	1/4 Push-in	1/8 NPT
C050605	1/4 Push-in	1/4 Push-in

Check Valves

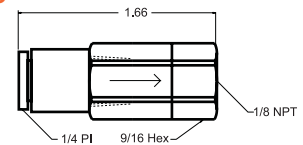
C050601



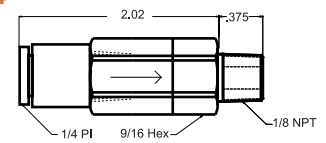
C050602



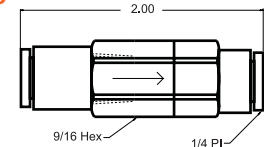
C050603



C050604



C050605



- When design makes a dimension critical- contact factory for confirmation. All dimensions shown subject to change without notice.

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