Miniature Pulse Valves

A Normally-Open 3-way valve that closes shortly after being pressurized and remains closed until supply pressure is exhausted and repressurized. Widely used in control circuits.

Medium: Air
Input Pressure: 40 to 150 psig max.
Mounting: 1/8” NPT thread; nut furnished
Volume Chamber: #10-32
Operation: Converts a continuous supply of inlet air into a pulse of approximately 100 milliseconds
Response: 300 cycles per minute; time delay may be increased by adding standard Clippard volume chambers not to exceed 3 cu. in.
Construction: Body - ENP brass, Seals - Nitrile rubber, Spring - stainless steel, Poppet - Delrin®

In-Line Volume Chamber

Used for providing a time delay in pneumatic circuits

The time delay of the PV-1, PV-1P and R-711 may be increased by adding standard Clippard volume chambers. The charts show total TIME versus VOLUME for these combinations.

Medium: Air only
Material: Brass
Input Pressure: 150 psig
Mounting: Direct or in-line; Mounting clamp with MAT-20 and MAT-4.0

R-821 volume charts are shown in the Modular Section of this catalog.