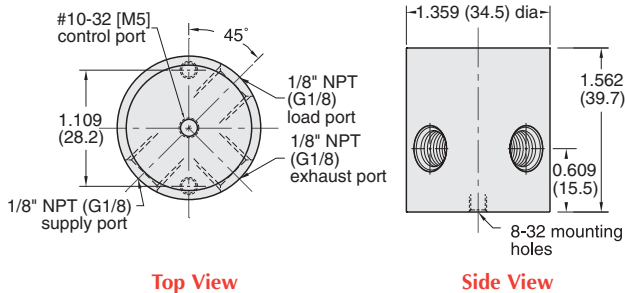


## 3-Way Normally-Closed Amplifier Valves

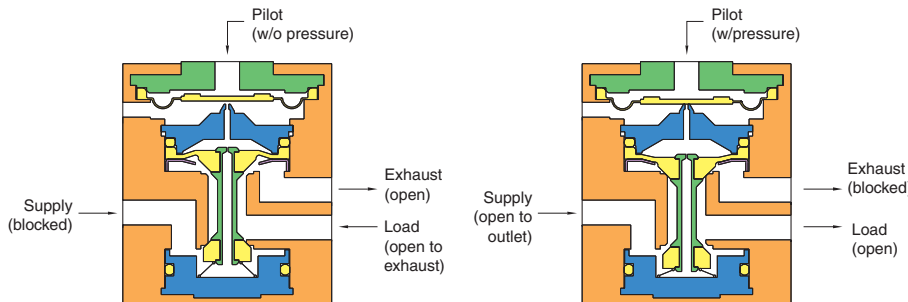


3-Way Valve Normally-Closed Interface amplifies very low pressure air-jet sensing signals to working power levels



Top View

Side View



Valve Closed

Valve Open

**Medium:** Air

**Material:** Anodized aluminum body, Buna-N diaphragms

**Input Pressure:** 30 to 100 psig / 2 to 7 bar max.

**Air Flow:** 22 scfm @ 100 psig; 530 l/min @ 6 bar

**Pilot Pressure:** 4" H<sub>2</sub>O @ 100 psig

**Maximum Allowable Pilot Pressure:** 5 psig

**Response Time:** 10 milliseconds dead headed

**Operating Speed:** 50 Hz

**Bleed:** 0.1 scfm @ 100 psig

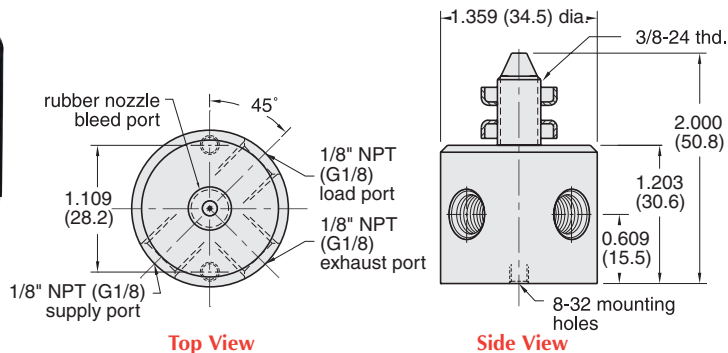
**Ports:** Load - 1/8" NPT (G1/8) female  
Supply - 1/8" NPT (G1/8) female  
Exhaust - 1/8" NPT (G1/8) female  
Control - #10-32 (M5) female

Part No.	Description
<a href="#">2010</a>	Normally-Closed Interface, 1/8" NPT
<a href="#">2010-MG</a>	Normally-Closed Interface, G1/8

## 3-Way Bleed Pressure Piloted Limit Valves

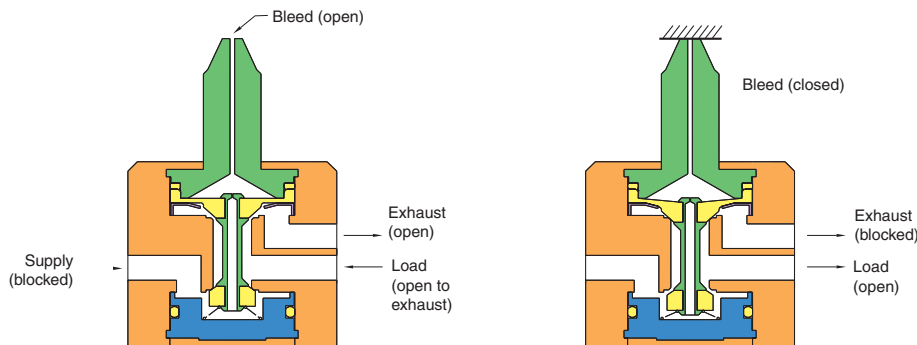


3-Way Bleed Pressure Piloted Limit Valve; blocking of the sensing port causes rapid valve opening



Top View

Side View



Valve Closed

Valve Open

**Medium:** Air

**Material:** Anodized aluminum body, Buna-N diaphragms

**Input Pressure:** 30 to 100 psig / 2 to 7 bar max.

**Air Flow:** 22 scfm @ 100 psig; 530 l/min @ 6 bar

**Bleed:** 0.1 scfm @ 100 psig

**Response Time:** 15 milliseconds

**Ports:** 1/8" NPT (G1/8)

**Note:** Supplied with threaded bulkhead mount and integral rubber nozzle for direct actuation by mechanical closure. By removing rubber nozzle and inserting a #10-32 fitting and length of hose, 2011-1 can be converted to a remote sensing valve.

Part No.	Description
<a href="#">2011-1</a>	Piloted Limit Valve, 1/8" NPT
<a href="#">2011-1-MG</a>	Piloted Limit Valve, G1/8