SPECIAL PILOTED 3-WAY VALVES

3-Way Normally-Closed Amplifier Valves

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

Medium: Air
Material: Anodized aluminum body, Nitrile diaphragms
Input Pressure: 30 to 100 psig
Air Flow: 22 scfm @ 100 psig
Pilot Pressure: 4” H2O @ 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 female
       Supply - 1/8” NPT female
       Exhaust - 1/8” NPT female
       Control - #10-32 female

Part No.        Description
2010              Normally-Closed Interface, 1/8” NPT

3-Way Bleed Pressure Piloted Limit Valves

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

Medium: Air
Material: Anodized aluminum body, Nitrile diaphragms
Input Pressure: 30 to 100 psig max.
Air Flow: 22 scfm @ 100 psig
Bleed: 0.1 scfm @ 100 psig
Response Time: 15 milliseconds
Ports: 1/8” NPT

Part No.        Description
2011-1           Piloted Limit Valve, 1/8” NPT

Rubber Nozzles
#10-32 rubber nozzles for replacement 2011-1 limit valves. #10-32 thread, five to a package

Part No.          Description
2011-012          Rubber Nozzles

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.