

Directional Control Valve Symbols



2-position, 2-way, 2 ported



2-position, 3-way, 3 ported



2-position, 4-way, 4 ported



2-position, 4-way, 5 ported



3-position, 4-way, 4 ported Closed Center



3-position, 4-way, 5 ported Closed Center



3-position, 4-way, 5 ported Pressure Center



3-position, 4-way, 5 ported Open Center

Simple Pneumatic Valves



Check Valve



Flow Control



Relief Valve

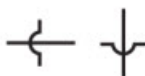
Lines



Main Line



Pilot Line



Lines Crossing



Lines Joined



Lines Joined

Actuator Symbols



Manual



Push Button



Lever



Foot Operated



Mechanical



Spring



Detent



Solenoid



Internal Pilot



External Pilot



Pilot Solenoid with Manual Override



Lever Operated, Spring Return



Accumulator



Air Dryer



Air Motor (One Direction Flow)



Air Motor (Two Direction Flow)



Check Valve (Spring Loaded)



Compressor



Cylinder (Spring Return)



Cylinder Double Acting
(Double Rod)



Cylinder Double Acting
(Single fixed cushion)



Cylinder Double Acting
(Two adjustable cushions)



Differential Pressure



Direction of Flow



Exhaust Line or Control Line



Filter



Filter (Automatic Drain)



Filter (Manual Drain)



Fixed Restriction



Air Motor (Two Direction Flow)



Lubricator