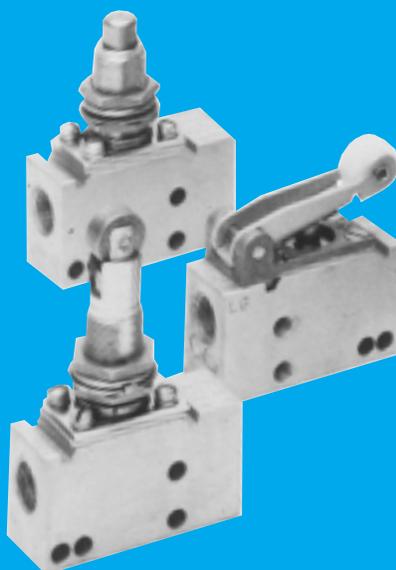


SERIES L-MINI VALVES

WERSA[®]

BULLETIN
L-MINI 2001

AIR VALVES FOR INDUSTRY SINCE 1949



AIR LIMIT SWITCHES Multipurpose 3-port/2-position

One multipurpose 3/2 valve for all 2-Way, 3-Way, NC, NO, Diverter, or Selector functions.

Alodized aluminum body with stainless steel internals.

All ports 1/8" NPT; Internal orifice 9/64" (3.6mm).

Cv = 0.4 (Kv = 5.8); adequate for small cylinders and pilot signals.

Balanced spool construction; force required to actuate is unaffected by the pressure being controlled.

Application pressure: Vacuum to 200 psi (14 bar) pneumatic.



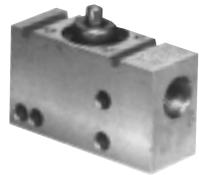
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Series L-Mini

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The versatile design of the L-Mini valve allows it to directly replace electrical limit switches, enabling you to make your system 100% air controlled. The valve is able to endure harsh, dirty, humid environments that would destroy electrical switches. Also the hazard of fire or explosion and the need for bulky conduit and enclosures is eliminated.

The Basic Valve, as shown at right, can be applied; or a Basic Valve with one of the many different actuating devices shown below may also be utilized in order to provide the precise actuation method desired.



FLOW DIAGRAM
5 Micron Filtration Recommended
No Lubrication Required

The "L-Mini" valve is a 3-ported, 2-position, multipurpose valve with closed crossover.

The table below lists all the possible valve functions which can be obtained by just changing the way the valve is connected.

Port	2-Way N.O.	2-Way N.C.	3-Way N.O.	3-Way N.C.	Diverter	Selector
A	Plug	Inlet	Exhaust	Inlet	Outlet	Inlet
B	Inlet	Plug	Inlet	Exhaust	Outlet	Inlet
C	Outlet	Outlet	Outlet	Outlet	Inlet	Outlet

BASIC VALVE
LSN-3200

Dimensions shown in inches
mm

Actuating Force: 11 oz. (312 g)

Suffix Options Available:

- LSS: Recommended option when actuating forces will be more than 3 1/2 times the amount shown
- 155: Viton Static Seals (for certain chemical resistance)

<p style="text-align: center;">ROLLER LEVER</p> <p>Actuating Force: 6 oz. (170 g)</p> <p style="text-align: center;">LSC-3200-LL41</p>	<p style="text-align: center;">ONE-WAY ROLLER LEVER</p> <p>Actuating Force: 7 oz. (200 g)</p> <p style="text-align: center;">LSC-3200-LL42</p>	<p style="text-align: center;">6" (152 mm) LEVER</p> <p>Actuating Force: 2 oz. (60 g)</p> <p style="text-align: center;">LSC-3200-LL43</p>	<p style="text-align: center;">FINGERTIP LEVER</p> <p>Actuating Force: 7 oz. (200 g)</p> <p style="text-align: center;">LSH-3200-LL44</p>
<p style="text-align: center;">WAND</p> <p>Actuating Force: 1 oz. (30 g)</p> <p style="text-align: center;">LSL-3200-LL45</p>	<p style="text-align: center;">PILOT</p> <p>Pilot Pressure Required: 15-200 psi. (1-14 bar)</p> <p style="text-align: center;">LSP-3200</p>	<p style="text-align: center;">PANEL BUTTON</p> <p>Actuating Force: 2 lb. 13 oz. (1.28 kg)</p> <p style="text-align: center;">LSC-3200-LP1</p>	<p style="text-align: center;">PANEL ROLLER</p> <p>Actuating Force: 2 lb. 13 oz. (1.28 kg)</p> <p style="text-align: center;">LSC-3200-LP2 (Shown) LSC-3200-LP3 (Roller Axis 90° to Above)</p>