



These unbalanced poppet, logic valves are 2-way switching elements that are spring-biased closed and incorporate an integral shuttle so that the higher pressure at either port 1 or port 2 can be used as a pilot source. With port 3 blocked, the valve will open provided there is sufficient pressure to overcome the spring force. With port 3 vented, the valve will close. The force generated at port 3 must be greater than the sum of the forces acting at port 1 and port 2 plus the spring force for the valve to open. NOTE: The pilot area (port 3) is 1.8 times the area at port 1 and 2.25 times the area at port 2.

**TECHNICAL DATA**

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Maximum Operating Pressure	350 bar
Pilot Volume Displacement	0,33 cc
Area Ratio, A3 to A1	1.8:1
Area Ratio, A3 to A2	2.25:1
Control Orifice Diameter	0,53 mm
Seal kit - Cartridge	Buna: 990011007
Seal kit - Cartridge	Polyurethane: 990011002
Seal kit - Cartridge	Viton: 990011006

**CONFIGURATION OPTIONS**

Model Code Example: LKDDXDN

<b>CONTROL</b>	<b>(X)</b> MINIMUM PILOT PRESSURE	<b>(D)</b> SEAL MATERIAL	<b>(N)</b>
<b>X</b> Not Adjustable	<b>D</b> 50 psi (3,5 bar)	<b>N</b> Buna-N	<b>V</b> Viton