

LSV2-10-44

4-Way,2-Position,
Spool-type Solenoid Valve

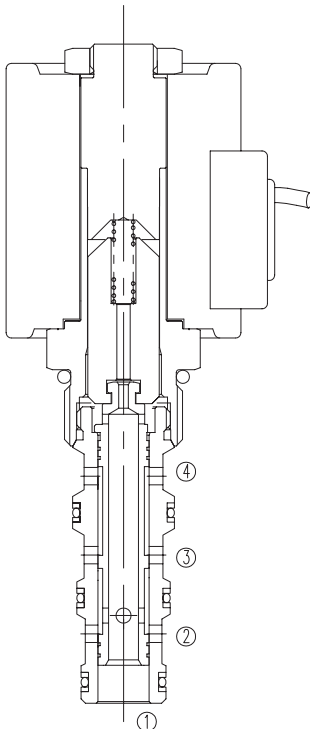
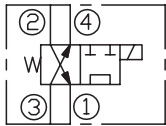
DESCRIPTION

A solenoid operated, 4-way, 2-position, spool-type cartridge valve.

OPERATION

When de-energized, the valve allows flow from ③ to ④, as well as from ② to ①. When energized, the cartridge's spool shifts to open ③ to ① while blocking ④ and ②.

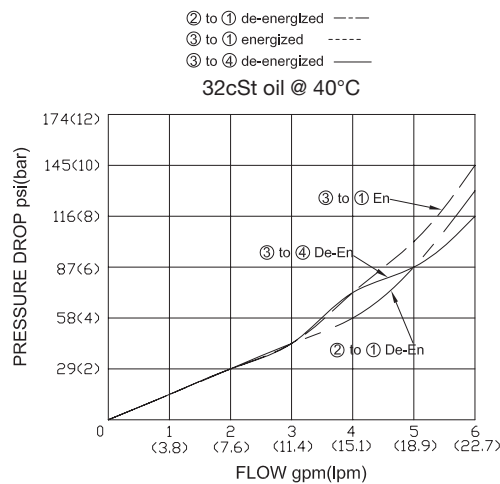
SYMBOL



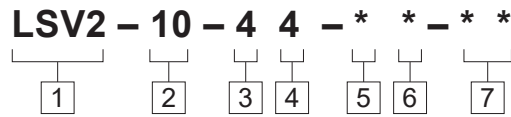
SPECIFICATIONS

Operating Pressure	207bar
Flow	See PRESSURE DROP VS.FLOW graph.
Internal Leakage	82cc/min max. at 207bar
Temperature	-40°F to +212°F(-40°C to +100°C)
Coil Duty Rating	Continuous from 85% to 115% of nominal voltage
Filtration	See page N-1
Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.
Cavity	10-4, See page M-2
Housing Material	6061-T6 aluminum alloy rated to 207bar, Steel & Ductile iron rated to 350bar

PRESSURE DROP VS.FLOW



TO ORDER



- 1 Function**
LSV2=Solenoid Valve

- 2 Slize**
10=10 Size

- 3 Flow Path**
4=4-Way

- 4 Style**
4=Port 3 to Port 1 When Energized

- 5 Coil Voltage**
1=12 VDC
2=24 VDC
3=110 VAC
4=220 VAC
5=10 VDC

- 6 Coil Connector Type**
D= Double Lead
S= Single Lead
H= Hirschmann
C= Conduit
ER= Deutsch Connector(Water-proof Coil)
B= Double Spade

- 7 Port Size**
Omit=None
6T=SAE 6
8T=SAE 8
2G=G 1/4
3G=G 3/8

- ※ See page K-6 for detail of housing
- ※ Other port sizes are available

INSTALLATION DIMENSIONS

Coil Must Be Installed With Letter Up

Unit=Millimeters

