

# LOW LOW WATT VALVES



## Series 50 SLLW >> Model SLLW52

### Encapsulated Low Wattage – 2-Way Normally Closed Valve

General purpose for pneumatic applications. For use on air and common gases, compatible with standard Buna seals. Other media require special seal materials. The SLLW Valve is not a safety valve.

- General purpose valve with reduced power consumption.
- For pneumatic and hydraulic application.
- NEMA 4 rating is standard with encapsulated coil.

## OPERATING CONDITIONS

**Media:** Air and other common gases only.\*

**Valve Temperature Range:** Standard Valves - 0°F (-18°C) to 140°F (60°C) ambient; 0°F (-18°C) to 150°F (65°C) media. Optional Valves - can tolerate much higher or much lower ambient and media temperatures.\*

**Maximum Operating Pressure Differentials:** See table on proceeding page.

**Burst Pressure:** 5000 PSI

**Leakage:** Bubble tight for standard valves.

**Vacuum:** To 5 Microns\*

## ELECTRICAL CHARACTERISTICS

**Coil Voltage:** 1.9 to 63V DC

**Nominal Power:** DC – .50 Watts

**Coil Construction:** Encapsulated Class F Coil with third wire ground

**Typical Response Time on Air:** 4 - 16 Milliseconds

**Operating Speed:** Up to 600 CPM

**Duty Cycle:** Continuous

## MECHANICAL CHARACTERISTICS

**Body:** Stainless Steel (Std.)

**Internal Components:** Stainless Steel

**Elastomers:** Nitrile (Buna) (Std.). Many other elastomers available.\*

**Orifice Diameter:** See table on proceeding page.

**Porting:** 1/8" NPT (Std.)

**Housing:** Encapsulated with 1/2 NPT conduit

**Listings:** Most valves are UL and CSA listed – consult factory.

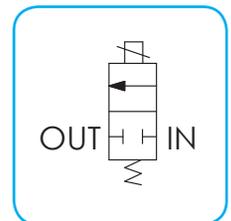
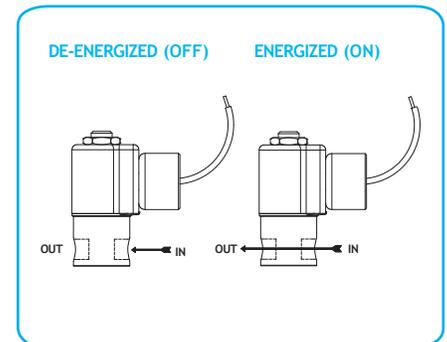
**Life Expectancy:** Millions of cycles, depending on application, lubrication, etc.

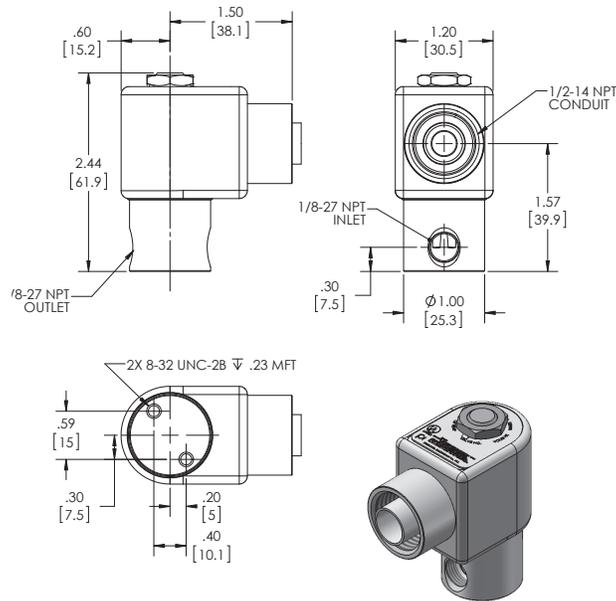
**Valve Weight:** 0.60 lbs

**Repair Packs:** See table on proceeding page.

**Options:** Alternate Port Locations, Metering, Alternate Elastomers, All Stainless Steel Construction\*

\* Consult representative or factory for options and specifications.





**SERIES 50 SLLW  
MODEL SLLW52  
2WNC  
LOW WATT**

## VALVE SPECIFICATIONS

MAX. OPER. PRESS. DIFF. DC GAS ONLY	ORIFICE SIZE N.C.	CV FACTOR N.C.	VALVE NUMBER
120	1/32	.022	SLLW52G8DCCP

WHEN ORDERING VALVES OR REPAIR PACKS ADD VOLTAGE AND FREQUENCY TO COMPLETE VALVE NUMBER. EXAMPLES: VALVE (SLLW52G8DCCP-12/DC) REPAIR PACK (KSLLW52G-DC)