

# SOLENOID VALVE



SV Solenoid valve is to switch the direction of water flow by applying the power signal to the diaphragm through the motor torque, and then convert the load into hydraulic control. It can be matched with general controller and suitable for various irrigation automatic control systems.

## FEATURE & ADVANTAGE

- ✓ AC 24V, DC 24V, DC 12V and Latch 12-40V for option
- ✓ Split structure design, built-in diaphragm, separate motor control body and water passage, long service life
- ✓ Large opening flow channel design, fast response speed of the control valve and strong anti-blocking function
- ✓ Manual control knob with three modes: open, close and automatic
- ✓ Three-way flow channel base can be configured with 2-position 3-way back-wash valve
- ✓ Low energy consumption enables long-distance control

## SPECIFICATION

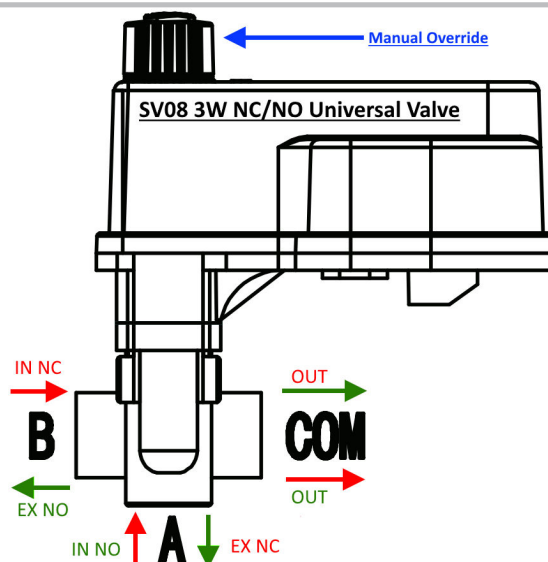
Working Pressure: 0-10Bar

Waterproof level: IP68

Leads: 1 m

Filtration Grade: 80 mesh min

Hydraulic outlet: 1/8" female thread



### Latch Version

Working Voltage: 12-40V

Pulse width: 100-300 ms

### AC/DC Version

Working Voltage: AC 24V(21-27V) or DC 24V(21-27V) or DC 12V (12-40V)

### Leads

DC and Latch version: Red and black wires. Red wire to positive pole and black wire to negative pole

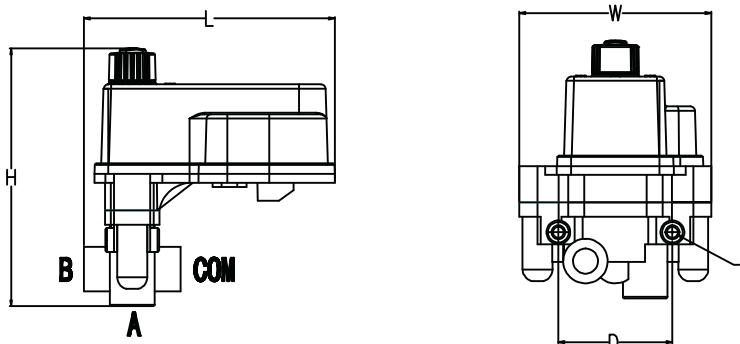
AC version: Both are black wires (Regardless of positive and negative poles)

## CONNECTION METHOD OF MOTOR HEAD AND VALVE BODY

DC and LATCH VERSION	RED WIRE TO POSITIVE POLE	BLACK WIRE TO NEGATIVE POLE	BLACK WIRE TO POSITIVE POLE	RED WIRE TO NEGATIVE POLE
POWER UPS	B connect with COM		A connect with COM	
POWER OUTAGE	A connect with COM		B connect with COM	

AC VERSION	BLACK TO POSITIVE POLE	BLACK TO NEGATIVE POLE
POWER UPS	B connect with COM	
POWER OUTAGE	A connect with COM	

## DIMENSION



MODEL	L(mm)	H(mm)	W(mm)	D(mm)	M(mm)	A	B	COM
SV08-24-AC	84	87.3	64.5	38	4.5	1/8" BSP	1/8" BSP	1/8" BSP
SV08-24-DC	84	87.3	64.5	38	4.5	1/8" BSP	1/8" BSP	1/8" BSP
SV08-12-40-LATCH	84	87.3	64.5	38	4.5	1/8" BSP	1/8" BSP	1/8" BSP

