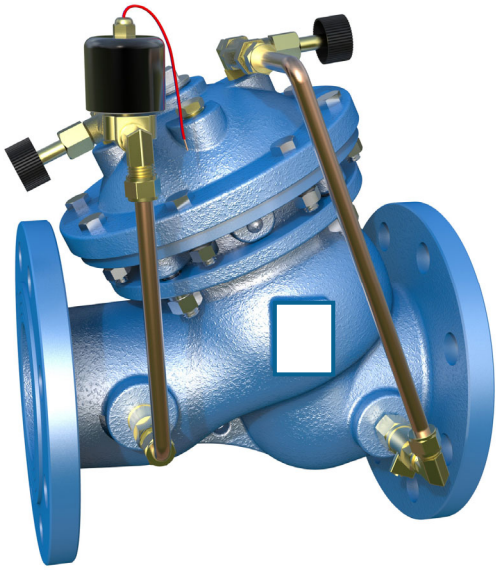
— MODEL — SOCV05
SOCV08

Solenoid Control Valve

Characteristics

- The action of the valve is very sensitive and quick.
- Easy to adjust and maintain.
- Excellent and reliable sealing performance.
- Optional check features
- The pilot system is equipped with filter to prevent blockage.



SOCV05/08 Solenoid Valve consists of a basic valve and a solenoid switch. The solenoid switch can receive the signal of opening or closing and make the corresponding action of opening or closing. Therefore, it can control the liquid flow into and out of the control chamber of the main valve, so as to control the valve to close or open.

The needle valve of the pilot pipe systemon pipe can independently control the opening and closing speed of the valve, so as to avoid the water hammer and vibration phenomenon common to the solenoid valve.

Material of Parts

Body, Upper Cover, Bottom Cover, Disc:
Ductile Iron (SOCV08)
Stainless Steel (SOCV05)
Stem, Spring: Stainless Steel
Diaphragm, Packing, O-ring: EPDM/VITON

Working Pressure Class

PN10 / PN16 / 150LB / 10K / 16K

Connections and Standard

Flange, ends, According to GB / ANSI / BSEN / ISO / DIN / JIS

Temperature, Medium

0℃ ～ 100 ℃ Normal temperature water

*If there are other temperatures or medium used, please contact the factory.

Pilot Parameter

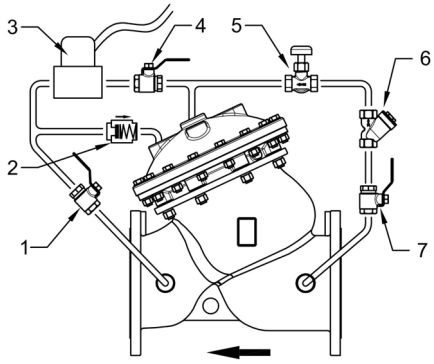
Voltage range: 110V / 220V，50~60Hz，AC
Usage status: Normally open / normally closed
Pilot material: Brass/Stainless Steel

When Ordering, Please Specify：

Valve Model / Size / Working Pressure / Connection Type / Usage status / Other optional accessories

Parts List

1. Ball Valve
2. Check Valve(optional)
3. Solenoid Switch
4. Ball Valve
5. Needle Valve
6. Filter
7. Ball Valve



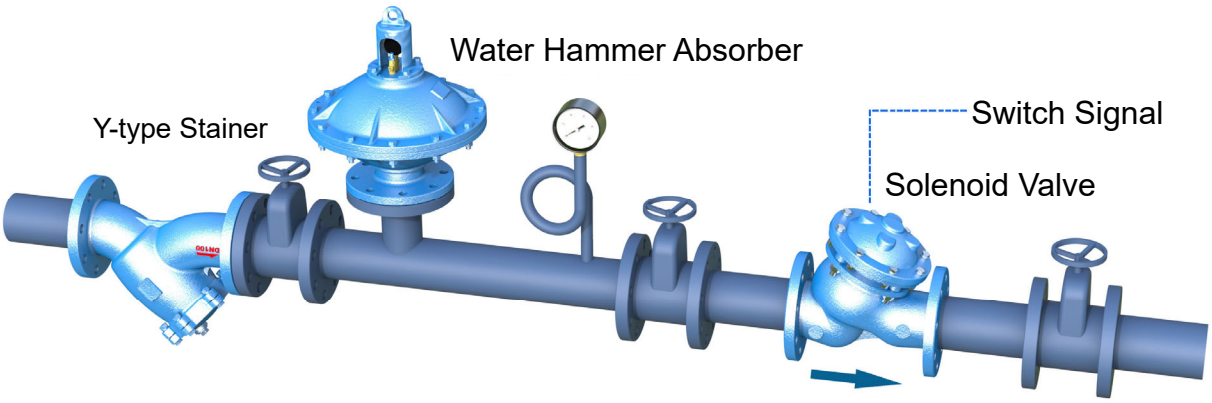
Typical applications

Solenoid valve is widely used in industry, such as mixing, cleaning, and stirring etc, which need switch controlling.

The switch signal can use the direct control signal or the signal generated by the sensor to control the valve opening and closing.

Solenoid valves can be used to control the water level. The switch signal is generated by the sensor installed in a water tank, and the solenoid valve is controlled to open or close, so as to control the water level.

(Sketch is on the next page.)


Water Hammer Absorber
Y-type Stainer
Switch Signal
Solenoid Valve