

Sanlixin Solenoid Valve

SLK Plastic Series 2/2-way Irrigation Solenoid Valve Normally Closed

This 2/2-way normally closed type valve is one of the most widely used in garden irrigation solenoid valve. Widely used in the landscape of large area lawn, stadium, agriculture in water treatment equipment.

- 1: Pilot operated diaphragm structure, body material is NYLON
- 2: Double filtration, prevent block the valve
- 3: Waterproof coil
- 4: Close slowly, Prevent water hammer
- 5: Manual function (Coil turn around 3/4) Fluid medium: water

Medium temperature: 0~42℃ ambient temperature: 0~52℃

Connect: BSPT 3/4"~4", Flange connection

Coil voltage: AC24V、AC220V、AC110V 50/60HZ, 10VA ;
DC24V 5W

Latching coil:DC6V~DC20V

Material: Body-NYLON

Seal-NBR

plunger-430F

spring-SS304

divided magnetic ring-purple copper



Solenoid Valves Numbering System for Order

| Position description | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----------------------|--------------|--------------------|--|------------|--|-----------------|---------------|---|---|---------|
| | Valve Series | Mode of Operation | Coil Type | Coil Class | Voltage | Seal Material | Body Material | Pipe Size | Orifice (mm) | Options |
| E.G. | SLK | 1 | N | F | 05 | N | 7 | E | 25 | |
| | | 1= Normally Closed | N= Wire water proof coil B= Latching coil | F= F Class | 02=AC220V 01=AC110V 05=AC24V 12=DC12V 13=DC24V | N=NBR E=EPDM | 7= Plastic | E=3/4" G=1" J=1-1/2" K=2" M=3" N=4" F=Flange Connection | 25=25.0 40=40.0 50=50.0 80=80.0 100=100.0 | |

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Valve Selection List

| Pipe Size | Orifice mm | Operating pressure differential (kgf/cm ²) | | Coil power | | External Dimensions Length × Width × Height L × B × H | | | Model Code | Weight (KG) | Note |
|-------------------|------------|--|------|------------|-------|---|-----|-----|----------------|-------------|-------------------|
| | | Min. | Max. | AC(VA) | DC(W) | | | | | | |
| 3/4" | 25 | 1 | 10 | 10 | 5 | 112 | 82 | 124 | SLK1NF05N7E25 | 0.385 | |
| 1" | 25 | 1 | 10 | 10 | 5 | 112 | 83 | 124 | SLK1NF05N7G25 | 0.39 | |
| 1-1/2" | 40 | 1 | 10 | 10 | 5 | 167 | 90 | 165 | SLK1NF05N7J40 | 0.95 | With flow control |
| 2" | 50 | 1 | 10 | 10 | 5 | 196 | 122 | 250 | SLK1NF05N7K50 | 1.70 | |
| 3" | 80 | 0.5 | 15 | 10 | 5 | 308 | 160 | 255 | SLK1NF05N7M80 | 2.65 | |
| 4" | 100 | 0.5 | 15 | 10 | 5 | 412 | 238 | 335 | SLK1NF05N7N100 | 6.9 | |
| Flange connection | 80 | 0.5 | 15 | 10 | 5 | 315 | 160 | 255 | SLK1NF05N7F80 | 3.95 | |
| | 100 | 0.5 | 15 | 10 | 5 | 428 | 238 | 335 | SLK1NF05N7F100 | 8.0 | |

External Dimensions Chart

