

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°C ambient temperature: 0~52°C

Connect: BSPT 1/2"~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 09=DC9~20V	N=NBR E=EPDM	7= Plastic	D=1/2" E=3/4" G=1" H=1-1/4" J=1-1/2" K=2" L=2-1/2" M=3" N=4"	15=15.0 25=25.0 35=35.0 40=40.0 50=50.0 80=80.0 100=100.0	Y=Y type M=Control the flow
								F=Flange connection	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			Model Code AC24V	Weight (KG)
		Min.	Max.	AC(VA)	DC(W)	L	B	H		
1/2"	15	1	10	3.2	3.6	68	40	100	SLK1NF05N7D15M	0.25
3/4"	25	1	10	6.7	3.6	112	82	120	SLK1NF05N7E25	0.38
	25	1	10	3.2	3.6	112	83	120	SLK1NF05N7E25M	0.4
1"	25	1	10	6.7	3.6	112	82	120	SLK1NF05N7G25	0.39
	25	1	10	3.2	3.6	112	83	120	SLK1NF05N7G25M	0.4
1-1/4"	35	1	10	3.2	3.6	135	95	165	SLK1NF05N7H35M	0.83
1-1/2"	40	1	10	6.7	3.6	167	90	165	SLK1NF05N7J40	0.95
2"	50	1	10	6.7	3.6	196	122	250	SLK1NF05N7K50	1.70
	50	1	10	3.2	3.6	235	135	220	SLK1NF05N7K50Y	1.36
2-1/2"	65	1	10	3.2	3.6	250	135	220	SLK1NF05N7L65Y	1.46
3"	80	1	10	6.7	3.6	308	160	255	SLK1NF05N7M80	2.65
	80	1	10	3.2	3.6	298	140	195	SLK1NF05N7M80Y	1.65
4"	100	1	10	6.7	3.6	412	238	335	SLK1NF05N7N100	6.9
Flange connection	80	1	10	6.7	3.6	315	160	255	SLK1NF05N7F80	3.95
	80	1	10	3.2	3.6	298	140	195	SLK1NF05N7F80Y	4.9
	100	1	10	6.7	3.6	428	238	335	SLK1NF05N7F100	8.0

SLK Series Coils Characteristics List

Specification	Voltage	Power consumption	Electric current mA		Coil impedance 20°C
			Inrush	Holding	
AC	AC24V	6.7VA	410	280	30 Ω
	AC110V	3VA	72	49	840 Ω
	AC220	3VA	37	25	2730 Ω
DC	DC9V	3.6W	560	400	24 Ω
	DC12V	3.6W	420	300	41 Ω
	DC24V	3.6W	252	180	130 Ω
DC pulse coil	9-20VDC	Capacitance: 4700u Coil resistance: 6 Ω Coil inductance: 12mH PWM: 20-500mSec Working model: +Red/-Black Valve open -Red/+Black Valve closed			