

◎ On/off control for 2-way and 3-way ball valves

*1 ◎ For ball valves: 1/4"—1"

◎ KLD20SBD3Z12: DC12V

◎ KLD20SBD3JZ12: AC/DC12V

◎ KLD20SBD3JZ24: AC/DC24V

◎ KLD20SBD3JZ220: AC/DC95~265V



KLD20S

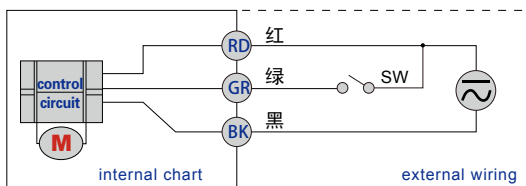


KLD20J

Technical data:

Basic technical data:	Control	On/off
	Max torque	2Nm
	Angle of rotation	90°
	Direction of rotation	double acting
	Running time	about 5s
	Position indication	visual indicator
	Manual override	available *2
	Humidity	≤85%(non-condensing)
	Ambient environment	-20 °C < t < 45°C
	Enclosure	IP67 *3
	Housing material	ABS(PA-777D)
	Quality standard	ISO 9001
	Connection cable	800mm
KLD20SBD3Z12	Power supply range	DC11-15V
	Working current	55±10 mA(DC12V) *4
	Static current	35±10 mA
	Max power	4W
KLD20SBD3JZ12	Power supply range	AC/DC11-15V
	Working current	55±10 mA(DC12V) *4
	Static current	35±10 mA
	Max power	4W
KLD20SBD3JZ24	Power supply range	AC22-24V, DC22-32V
	Working current	30±10 mA(DC24V) *4
	Static current	25±10 mA
	Max power	4W
KLD20SBD3JZ220	Power supply range	AC/DC95-265V
	Working current	5±2 mA(AC220V) *4
	Static current	2±1 mA
	Max power	5W

BD3 Wiring



Instructions:

- ◎ If SW is closed, the valve will open and keep on.
- ◎ If SW is opened, the valve will close and keep off.
- ◎ ~ means DC and AC voltage, when using DC, SW is connected with positive, BK is connected with negative.

NOTE:

SW close means there is working current in circuit.

*1 Please refer to *KLD20/ KLD100 2-way ball valve purchase guide* for details.

*2 KLD20S has manual override; KLD20J does not have manual override, other parameters are the same as KLD20S.

*3 F-type is more suitable for damp environment, there is a heating resistance to exclude damp.

*4 The working current is tested under mentioned voltage in the parenthesis. It may be a little bit different for different valve bodies (such as valve size, valve material, etc).