

YSKT2S PTFE 2-Way Motorized Valve (On/Off) with position feedback outputs



Is the valve currently in use getting stuck in the open/close position? Well the YSKT2S is the valve for you. With its new actuator it directly replaces solenoid valves both physically and electrically.

The YSKT2S is the result of merging the best of several technologies:

- State of the art electronics so no mechanical means are required to bring the valve to the default position.
- Large orifice, increasing your system's reliability as suspended solids will not plug it.
- Tremendous reduction in pressure drop and fantastic increment in the water flow at the same pressure difference.
- Extremely useful manual override for service and tests.

Features:

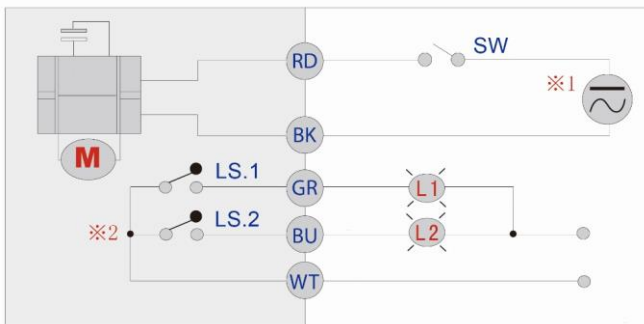
- PTFE ball, to assure performance with high concentration of dissolved solids
- Position feedback signals
- Long service life - 70,000 to 100,000 circles
- Low working current, suitable for battery driving
- Manual override is safe and convenient
- IP67 Enclosure

Applications:

- HVAC
- Water treatment
- Chemical process
- Small equipment for automatic control
- Replacing solenoid valve, particularly when solenoid cannot work reliably

Technical Parameters:

Series	Max Torque	Operating Time	Working Voltage	Max Power	Enclosure	Max Pressure	Max Temp	Ambient Temp	Humidity
KT2S	2N.M	5-7S	24 VDC	3W	IP67	1.6 Mpa 230 psi	-20~+100 °C -4~+220 °F	-20 ~ +45 °C -4 ~ +113 °F	<95%
				4W					
				5W					



KT2S Wiring

Instructions:

- If SW is closed, the valve will open and keep on.
- If SW is opened, the valve will close and keep off

1. When SW is connected, the valve will open and keep on. At this time, LS. 1 is connected, giving signal of opening.
2. When SW is unconnected, the valve will close and keep off. At this time, LS. 2 is connected, giving signal of closing.

※1 means working both for AC and DC. If DC, the red wire connects positive, the black connect negative.

※2 the feedback signal asynchronous with valve location. It is earlier than the valve location.

NOTE: ☆1 KT2S is the same as wiring of monostable solenoid valve. Attention: It should be supplied power at least 1 minutes before curing the power automatically.

Parts List

Model Number	Size	Material	Voltage	Ball Material
YSKT2S050BS2W2NC24	1/2" FNPT	Brass	24 VDC	Brass
YSKT2S075BP2W2NC24	3/4" FNPT	Brass	24 VDC	PTFE
YSKT2S100BP2W2NC24	1" FNPT	Brass	24 VDC	PTFE
YSKT2S050S162W2NC24	1/2" FNPT	SS316	24 VDC	SS316
YSKT2S075SP2W2NC24	3/4" FNPT	SS316	24 VDC	PTFE
YSKT2S100SP2W2NC24	1" FNPT	SS316	24 VDC	PTFE
YSKT2S100BS2W2NC24	1" ANSI Socket	PVC	24 VDC	PVC

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