

Compact Power Open Power Close Actuated WRAS Ball Valve

Actuator available in 9–24vAC/DC option or 110–240vAC option



Only takes power when valve is being opened or closed
Does not get hot | Can be plumbed in either way round

9–24vAC/DC Option

Suitable for water pressure:

0 Bar – 10 Bar

Power-OPEN Power-CLOSE Order Codes:

1/2" RP/ABVM/9-24V/POPC

3/4" RP/ABVM/9-24V/POPC

1" RP/ABVM/9-24V/POPC

110–240vAC Option

Suitable for water pressure:

0 Bar – 10 Bar

Power-OPEN Power-CLOSE Order Codes:

1/2" RP/ABVM/110-240V/POPC

3/4" RP/ABVM/110-240V/POPC

1" RP/ABVM/110-240V/POPC



Power

Moving only: 5 Watts

Media: air – water – gases – liquid

Pressure range: 0 Bar – 10 Bar maximum

Media temperature: –15°C to +100°C

Ambient temperature: –15°C to +50°C

Media viscosity: 500 Centistokes max

Continuous duty: 100%

Duty cycle: 100,000

Operating time: 5 Sec approx.

Valve Body: 304 stainless steel

Seals: Stem 2 x FKM

Ball – WRAS PTFE

Actuator: ABS Engineering Plastic; Gears – Metal

IP67 Enclosure; Torque – 2 Nm; Pre-wired – 0.5 metre;

Visual position indication

Option: Manual Override for 9–24vAC/DC only (*must be specified at time of order*)

Option: Volt free position feedback switches (*must be specified at time of order*)

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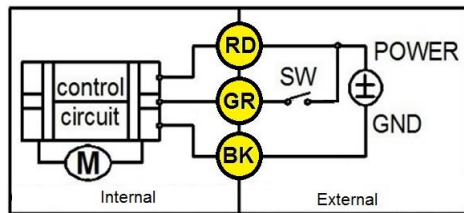


Wiring Diagrams

Connect RED and Black wires to power supply.

Green is control wire: Power to Green valve opens and then stops taking power.

Power off to Green valves closes.

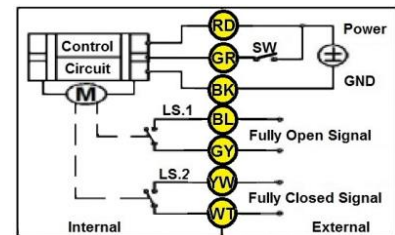


3 Wire Control

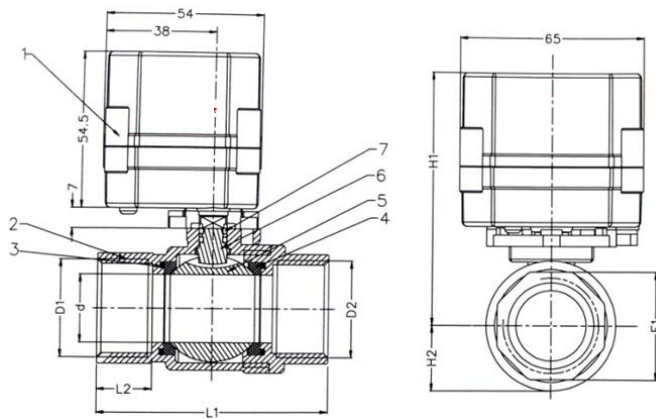
Power ON to GREEN motor actuates valve into powered position and then automatically powers off. Valve stays in powered position.

Power OFF to GREEN motor actuates valve back to start position and then automatically powers off. Valve stays in start position.

With Position Feed Back Switches



Overall Dimensions



Port D1/D2	d	L1	L2	E1	H1	H2	Kg
1/2	15	63	14	25	83	17	0.4
3/4	20	72	17	31	87	20	0.5
1	25	81	18	38	95	24	0.6

Reference	Description	Material
1	Actuator	ABS
2	Body Cover	SS304
3	O Ring	FKM
4	Sealing	PTFE
5	Ball	SS304
6	Stem	SS304
7	O Ring	FKM



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