

PNEUMATRON

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PPVC2XXW Series

ELECTRIC MOTOR - 2/2 Way PVC BALL VALVE

PLEASE NOTE

There are Electronic Boards inside these valve actuators and therefore they cannot be mounted on vibrating surfaces or pipes. Mount them on a fixed surface and connect to the generator with rubber hoses.

SPECIFICATIONS:

Media: Compatible media with PVC, PTFE & EPDM.

Ambient temperature: -15° to 50° Deg C

Media temperature: 2 to 90 Degrees C

Voltages: AC110-220V or DC9-24V

Actuator Protection: IP67

Max working pressure: See table below

Actuator Torque: 2Nm

Open/Close time: +/- 3 to 7 seconds



PLEASE NOTE FOR ALL AUTO CLOSE VALVES (W52 Wiring):

Ball valve is not suitable for high frequency cycle rates, maximum 6 cycles per hour.

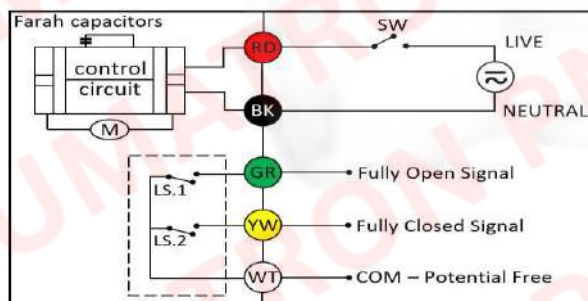
For all PPVC ball valves sizes with W52 Wiring the minimum open time for Normally Closed (PBVC) valves is 1 to 3 minutes, minimum close time for Normally Open (PBVO) valves is 1 to 3 minutes.

Port Size	Pressure Range	Wiring Diagram	Body
1/2" BSP (15mm)	0 to 10 Bar	W52	PPVC215W52DX
3/4" BSP (20mm)	0 to 10 Bar		PPVC220W52DX
1" BSP (25mm)	0 to 10 Bar		PPVC225W52DX
1 1/4" BSP (Reduced - 25mm)	0 to 6 Bar		PPVC232W52DX

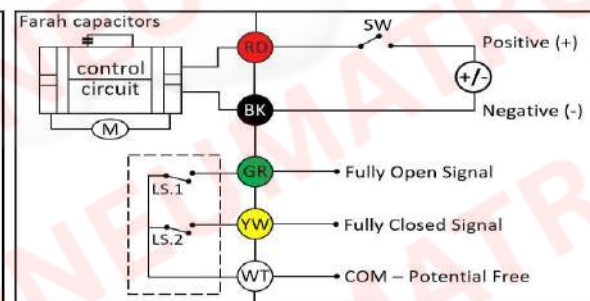
DX - Describes voltage (D1=AC110-220V, D2=DC9-24V)

Wiring options:

W52-D1=AC110-220V



W52-D2=DC9-24V



SW is closed, the valve opens. Actuator switches off automatically when ball valve is completely open.

SW is open, the valve closes. Actuator switches off automatically when ball valve is completely closed.

GR & WT connects to signal when the valve is fully open.

YW & WT connects to signal when the valve is fully closed.

SW is closed, the valve opens. Actuator switches off automatically when ball valve is completely open.

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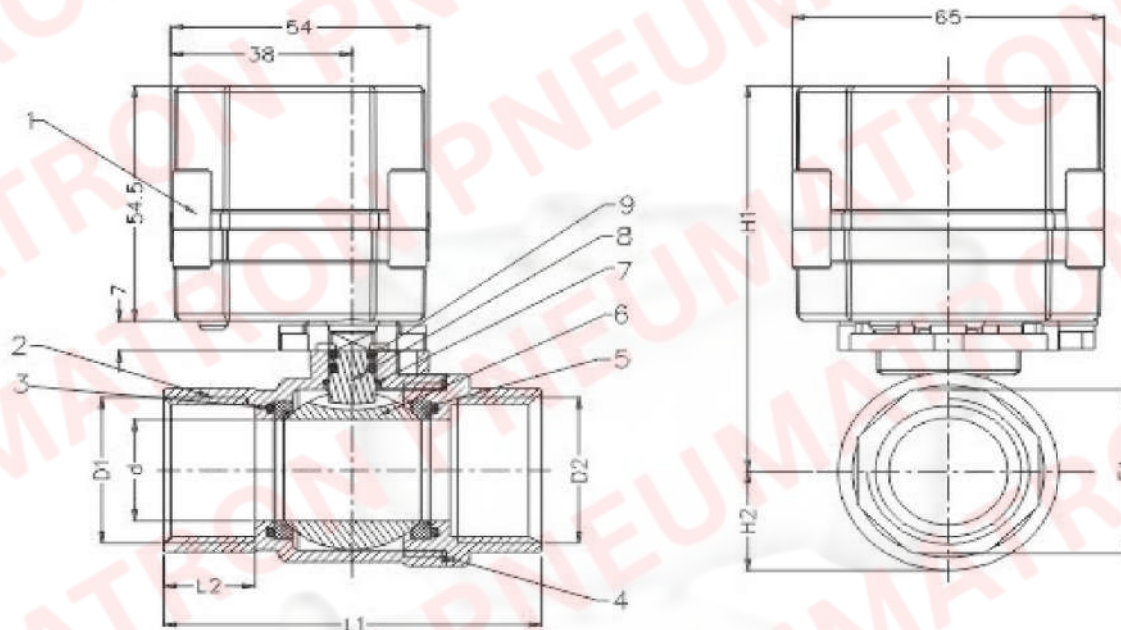
YW & WT connects to signal when the valve is fully closed.

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Dimensions



BODY DIMENSION CODE(Size in mm)

Valve body	D1/D2	d	E1	L1	L2	H1	H2
PPVC215W52DX	1/2"	13.5	30	60	14	89	19
PPVC220W52DX	3/4"	16.5	37	73	21	91	20
PPVC225W52DX	1"	25	45	79	22	96	24
PPVC232W52DX	1 1/4"	25	54	96	27	97	25

VALVE INSTALLATION INSTRUCTIONS

1. Please note the IP rating of this valve, it is not fully waterproof.
2. The valve label will indicate the valve body material and the seal material. Never apply incompatible fluids or gasses with the body and seal material.