

# 3-Way Solenoid Actuator

## Regular Model General Description

3 way solenoid is used to control the open and close of the various low flow irrigation water valves. When assembled with the irrigation controller, it can achieve the automatic control of the waterworks system with timing and rationing. An efficient design makes it possible to achieve high pressures with a low inrush and holding current and wide voltage range.



## Specification

<b>Voltage:</b>	24 VAC, 24 VDC, 12 VDC
<b>Allowed deviation from voltage:</b>	± 10%
<b>Insulation Grade:</b>	500V/min.
<b>Pressure testing:</b>	0-10BAR, one minute, no leakage
<b>Base connection:</b>	3/4" 20 UNEF male threaded
<b>Protection:</b>	IP66
<b>Temperature range:</b>	Ambient Temp: Max 60 °C Fluid Temp: Max 80 °C
<b>Material:</b>	<b>Housing:</b> Coated Metal <b>Plunger and Pole:</b> Passivated Stainless iron <b>Rubber Seal:</b> NBR or EPDM
<b>Encapsulate:</b>	Epoxy

## Application:



Operator Type	Wires Color	Model Number	Frequency	Current (A)	
				Inrush	Holding
3w N.O. 24VAC	Red / Brown	3W-D-NO-24VAC	50 Hz	0.15	0.15
			60 Hz	0.14	0.14
3w N.C. 24VAC	Red/ Blue	3W-D-NC-24VAC	50 Hz	0.17	0.17
			60 Hz	0.16	0.16
3w-R-N.O. 24VAC	Red	3W-R-NO-24VAC	50 Hz	0.5	0.25
			60 Hz	0.42	0.18
3w N.O. 24VDC	Black	3W-D-NO-24VDC		0.12	0.12
3w N.O. 12VDC	Blue	3W-D-NO-12VDC		0.28	0.28

## Dimensions:

