

## Experience the Durability and Reliability of Dura Electric Valves

Dura electric valves undergo rigorous field testing to ensure they are not only waterproof and durable but also maintenance-free and long-lasting. Every component, from the actuator housings to the electrical and valve parts, is meticulously designed with your needs in mind. They are manufactured at Dura's facility.



### **DURABLE**

- **Engineered for Excellence:** Our valves are designed for optimal actuation. The internal components are carefully selected to ensure long operational life and superior performance for both the valve and actuator.

- **Waterproof Actuator Housing**

- **2 Year Warranty**

### **EASY TO USE**

- **Physical Indicator:** Stay informed at a glance with our intuitive physical indicator with LED lights, providing immediate visual feedback for your system's On/Off status.

- **Built-in Connector System:** Simplify your installations with our built-in connector system, allowing for easier actuator changeout and wire customization.

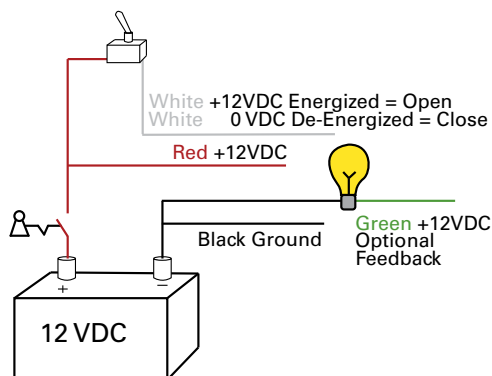
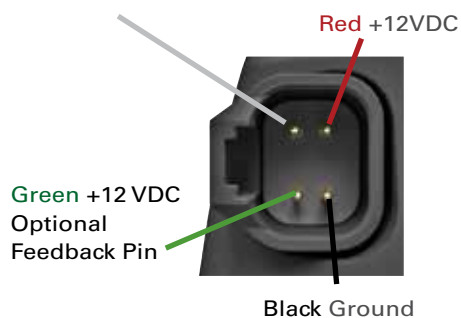
- **Compact Size:** Experience unparalleled efficiency with our compact design, engineered to fit seamlessly into any setup while maximizing performance.

- **Dual Operation Mode with Quick Adapter Access:** Our 1" allows quick adapter access with a convenient hairpin allows for easy actuator replacement or conversion to manual operation. In the event of loss of power or actuator failure, hairpin can be used to manually turn valve on or off.

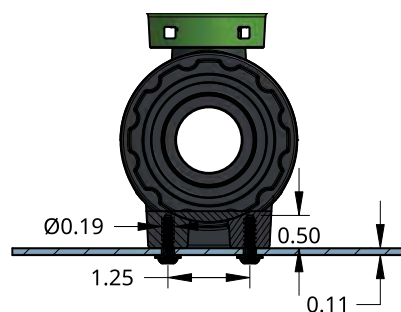
- **Multi-Position Mounting:** Enjoy the flexibility of multi-position mounting, ensuring our valves fit perfectly into any configuration you need.

ORDERING INFORMATION	
PRODUCT #	DESCRIPTION
<b>DPEV-100</b>	1" Dura Full Port Electric Valve, 12 VDC, 0.8 Sec, ON/OFF
<b>DPEV-1A</b>	Actuator Only, 1" series 12 VDC, 0.8 Sec ON/OFF, 4 Pin DT
<b>DPMV-100</b>	1" 2-way, 1" Flange X 1" Flange Valve with Manual Handle
<b>DPMV-1H</b>	Manual Valve Handle
<b>DPEV-220</b>	2" Dura Full Port Electric Valve, 12 VDC, 1.5 Sec, ON/OFF
<b>DPEV-300</b>	3" Dura Full Port Electric Valve, 12 VDC, 1.5 Sec, ON/OFF

White +12VDC Energized = Open  
 White 0VDC De-Energized = Close



Multi-position mounting



#### Recommended Mounting for 1" EV

Hole size of 0.191" or #11 Drill

Hole spacing of 1.25"

Thread forming screw for plastic such as  
 Delta PT 4.5 x 1.63 x14.5

Your mounting material +0.438" (7/16") =  
 Recommended screw length.

Example:

Mounting to 12GA Steel (0.11" thick)

Max screw length of 0.571" or 14.5mm

Min screw length of 0.375" or 9.5mm

## SPECIFICATIONS

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Size	1"	2"	3"
Voltage	12 Volt DC	12 Volt DC	12 Volt DC
Connection	M100 Flanges	M220 Flanges	M300 Flanges
Open/Closed Indicator	Yes	Yes	Yes
On/Off Response Time	0.8 Second	1.5 Second	1.5 Second
IP68 Waterproof	Yes	Yes	Yes
Wiring	On/Off 3 Wire	On/Off 3 Wire	On/Off 3 Wire
Connector	4 Pin Deutsch	4 Pin Deutsch	4 Pin Deutsch
Maximum Pressure	150 PSI	150 PSI	150 PSI
Storage Temp	-40° to 185° F (-40° C to 85° C)	-40° to 185° F (-40° C to 85° C)	-40° to 185° F (-40° C to 85° C)
Operating Temp	-32° to 158° F (-35° C to 70° C)	-32° to 158° F (-35° C to 70° C)	-32° to 158° F (-35° C to 70° C)
Optional Handle	Yes	Yes	Yes
Valve Materials	Glass-filled polypropylene, PTFE seats, stainless steel ball, stem & hardware, Viton® stem o-rings, EPDM valve seal o-rings	Glass-filled polypropylene, PTFE seats, poly ball, SS stem & hardware, Viton® stem o-rings, EPDM valve seal o-rings	Glass-filled polypropylene, PTFE seats, poly ball, SS stem & hardware, Viton® stem o-rings, EPDM valve seal o-rings
Actuator Materials	Glass-filled Nylon, polycarbonate, Viton® & silicone seals	Glass-filled Nylon, polycarbonate, Viton® & silicone seals	Glass-filled Nylon, polycarbonate, Viton® & silicone seals
Dimensions	5.67" x 7.43"	7.14" x 9.92"	7.72" x 11.27"



**DURA PRODUCTS**

Technology with Lasting Value

[www.DuraProducts.com](http://www.DuraProducts.com)

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