

## Dual Three Way Isolation Valve

The model 360T04... Teflon® Isolation Valves incorporate two fluidically independent three way isolation valves, operated by a single solenoid.

This unique valve is designed for applications where two independent three way valves need to be operated at the same time. The single solenoid operation eliminates the need for precision timing.

Available in a number of port arrangements and built-in internal system configurations, to simplify the design of continuous process sample injectors/extractors.

Use model 360T04.. Isolation Valves with NResearch's fittings, tubing, connectors and distribution manifolds to assure a zero dead volume, easy to install reliable fluidic system.



### FEATURING

All Teflon® Wetted Parts  
Controllable Response Time  
High Efficiency Solenoid  
High Cycle Life  
Zero Dead Volume

### ORDERING INFORMATION:

Neptune Research & Development Inc.  
267 Fairfield Avenue, West Caldwell, NJ, U.S.A.  
Phone: (973)-808-8811 Fax: (973)-808-0086  
Email: [service@nresearch.com](mailto:service@nresearch.com) or [sales@nresearch.com](mailto:sales@nresearch.com)  
Web Site: <http://www.nresearch.com>

Part Number	Voltage
360T041	12 Volts DC
360T042	24 Volts DC

Specifications	360T041	360T042
<b>Mechanical:</b> Type Port connections Nominal Orifice Operating Pressure Test Pressure  Internal Volume  Wetted Materials Mounting Orientation	Dual 3w 1/4-28 Flat Bott. 0.062 In. (1.5mm) Vac.-30PSI(2 Bars) 30 PSI (Noleakage) Consult factory (Effective) Teflon® Any Position	Dual 3w 1/4-28 Flat Bott. 0.062 In. (1.5mm) Vac.-30PSI(2 Bars) 30 PSI (Noleakage) Consult factory (Effective) Teflon® Any Position
<b>Electrical:</b> Operating Voltage Power Consumption Test Voltage (ON) Test Voltage (OFF) Response Time	12 to 24 VDC* 4.2 Watts** < 9 VDC 0.5 to 4 VDC 10 to 30 ms***	24 to 48 VDC* 4.2 Watts** < 18 VDC 1 to 8 VDC 10 to 30 ms***

\* Up to twice the rated voltage may be applied for a short period of time to reduce response time.

\*\* Power consumption specification applies at rated voltage. It is recommended to apply 1/3 (of rated) holding voltage after actuation, if the valve is to be energized for more than 30% of duty cycle or 3 minutes, whichever is less.

\*\*\* Initial applied voltage controls ON time and series resistor (1 to 5 times of the coil resistance) connected to protection diode controls OFF time.

## Dimensions

