NRESEARCH® INCORPORATED

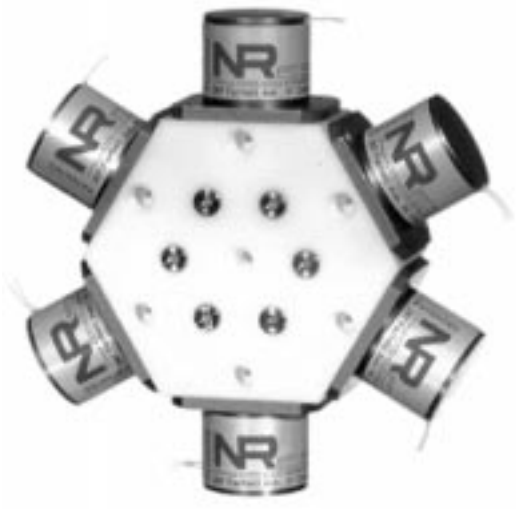
225T09...

Hex NC Manifold Valve/Selector

Model 225T09... manifold valves incorporate six separate normally-closed Teflon® isolation valves integral to a single block of Teflon®. The six valves have independent inlets and one common outlet, (or conversely, one common inlet and six independent outlets).

Our extensive in-house Teflon® fabrication facility and test procedures insure valve reliability and performance.
Use model 225T09... with NResearch tubing and fittings for a fluidic system, easy to assemble and free of dead volume.

NResearch 225T09... series valves are useful for solvent selection, stream splitting, flushing and other automated chemistry applications. They are the ideal choice for new fluidic system designs and can also be used as a direct replacement on existing systems.



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 or sales@nresearch.com
WebSite: http://www.nresearch.com

Part Number	Voltage
225T091	**12 Volts DC**
225T092	**24 Volts DC**

225T09...

Technical Information

Specifications	225T091	225T092
Mechanical:		
Type	6 X 2w NC	6 X 2w NC
Port connections	1/4-28 Flat Bottom	1/4-28 Flat Bottom
Nominal Orifice	0.062 In. (1.5mm)	0.062 In. (1.5mm)
Operating Pressure	Vac.-15PSI(1 Bar)	Vac.-15PSI(1 Bar)
Test Pressure	30 PSI (No leakage)	30 PSI (No leakage)
Internal Volume	(Effective)	(Effective)
Wetted Materials	Teflon®	Teflon®
Mounting Orientation	Any Position	Any Position
Electrical:		
Operating Voltage	12 to 24 VDC*	24 to 48 VDC*
Power Consumption	1.5 Watts**	1.5 Watts**
Test Voltage (ON)	< 9 VDC	< 18 VDC
Test Voltage (OFF)	0.5 to 4 VDC	1 to 8 VDC
Response Time	5 to 20 ms***	5 to 20 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