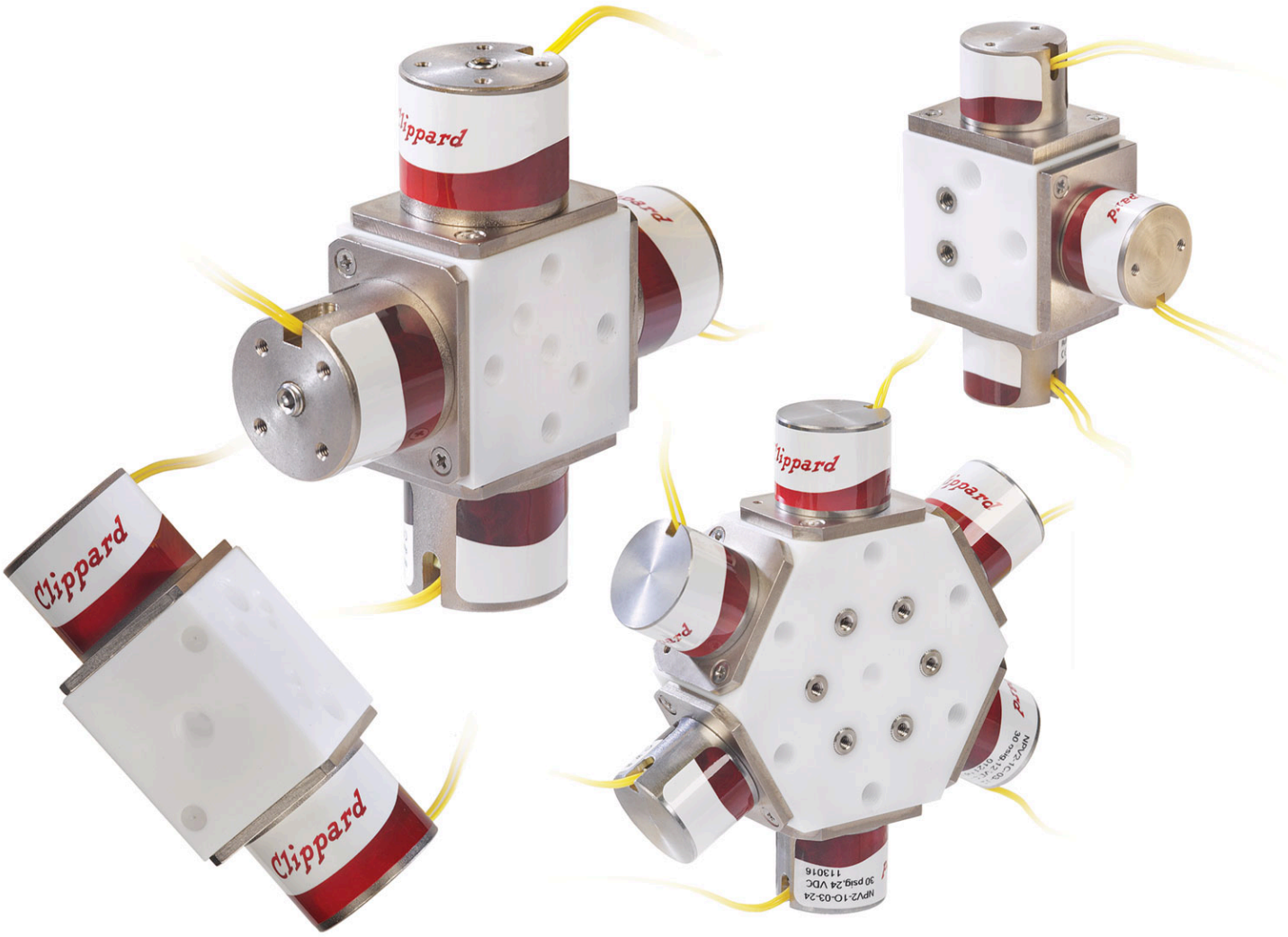
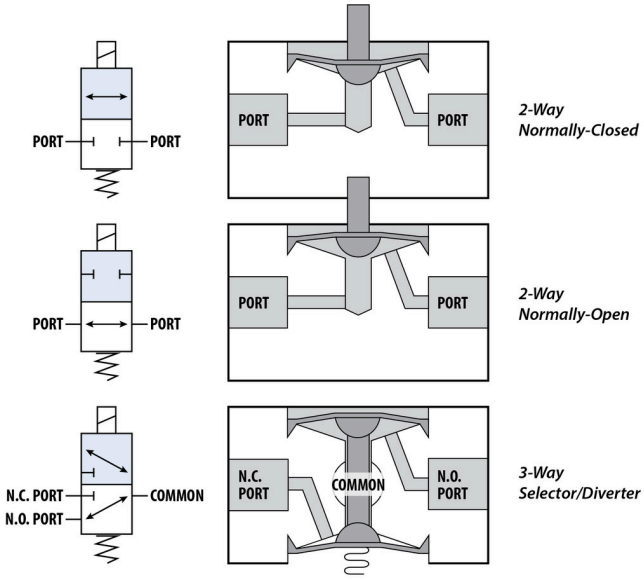
NIV PTFE Gradient Mixing Valves

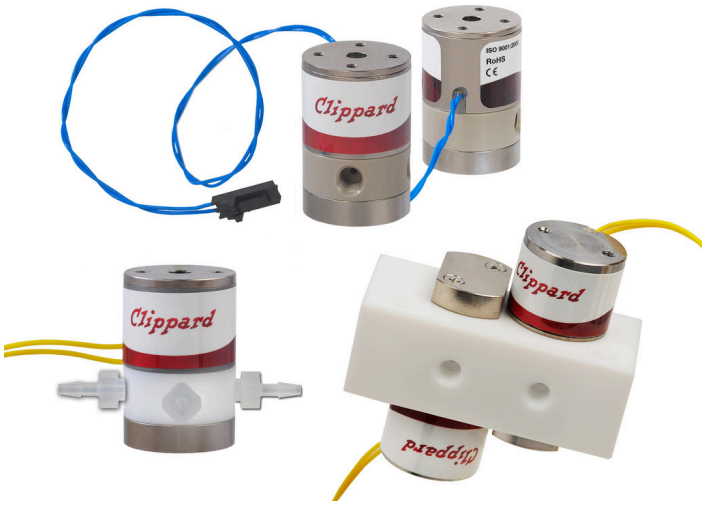
NR3-2-12-G2

NIV series multi-channel gradient valves feature multiple 2-Way, Normally-Closed PTFE media isolation valves connected around a central body. This unique design provides significant reduction in internal volume with enhanced mixing capabilities. Each actuator operates independently, allowing for flow of various media to be mixed or for one media to be split into multiple streams. These multi-channel gradient mixing valves are useful for solvent selection, stream splitting, flushing, and other automated applications.

2D Drawings	2D Files
Accessories	Zero Dead Volume Fittings
Air Flow	38 l/min @ 30 psig
Circuitry Option	None
Connection	Wire Leads, 18" (45 cm)
Connector	18" Wire Leads
Data Sheet	Data Sheet, Hit & Hold Info
Documentation	CE, RoHS Compliant (Download)
Flow Range	5 to 60 l/min @ 30 psig (2 bar) Air
Function	2-Way Normally-Closed
Material, Wetted	PTFE
Max PSI	28" Hg to 30 psig
Max. Flow	60 l/min @ 30 psig (2 bar) Air
Medium	Air, Water, Gas & Corrosive Fluids
Mount	#4-40. M3 also available.
Note	CE, RoHS Compliant, ISO 9001. High Pressure & PEEK Body options also available.
Operating Pressure	Vacuum to 30 psig (2 bar)
Operating Temperature Range	-20 to 158°F (-29 to 70°C)
Orifice / Port Thread	0.095" / 1/4-28 UNF, 38 l/min
Porting	2 Valves
Product Line Brochure	Isolation Valves
Response Time	<50 ms
Voltage	12 VDC
Weight (lbs.)	0.4000







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