

NIV PTFE Gradient Mixing Valves

NR3-2-12-G4



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.

Accessories Zero Dead Volume Fittings Air Flow 38 I/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 I/min @ 30 psig (2 bar) Air Function 2-Way Normally-Closed Material, Wetted PTFE Max PSI 28" Hg to 30 psig Max. Flow 60 I/min @ 30 psig (2 bar) Air Medium Air, Water, Gas & Corrosive Fluids Mount #4-40. M3 also available. CE, RoHS Compliant, ISO 9001. High	2D Drawings	2D Files
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 I/min @ 30 psig (2 bar) Air Function 2-Way Normally-Closed Material, Wetted PTFE Max PSI 28" Hg to 30 psig Max. Flow 60 I/min @ 30 psig (2 bar) Air Medium Air, Water, Gas & Corrosive Fluids Mount #4-40. M3 also available. CE, RoHS Compliant, ISO 9001. High	Accessories	Zero Dead Volume Fittings
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Material, WettedPTFEMax PSI28" Hg to 30 psigMax. Flow60 l/min @ 30 psig (2 bar) AirMediumAir, Water, Gas & Corrosive FluidsMount#4-40. M3 also available.CE, RoHS Compliant, ISO 9001. High	Flow Range	5 to 60 l/min @ 30 psig (2 bar) Air
Max PSI 28" Hg to 30 psig Max. Flow 60 I/min @ 30 psig (2 bar) Air Medium Air, Water, Gas & Corrosive Fluids Mount #4-40. M3 also available. CE, RoHS Compliant, ISO 9001. High	Function	2-Way Normally-Closed
Max. Flow 60 I/min @ 30 psig (2 bar) Air Medium Air, Water, Gas & Corrosive Fluids Mount #4-40. M3 also available. CE, RoHS Compliant, ISO 9001. High	Material, Wetted	PTFE
Medium Air, Water, Gas & Corrosive Fluids Mount #4-40. M3 also available. CE, RoHS Compliant, ISO 9001. High	Max PSI	28" Hg to 30 psig
Mount #4-40. M3 also available. CE, RoHS Compliant, ISO 9001. High	Max. Flow	60 l/min @ 30 psig (2 bar) Air
CE, RoHS Compliant, ISO 9001. High	Medium	Air, Water, Gas & Corrosive Fluids
, , , ,	Mount	#4-40. M3 also available.
Note Pressure & PEEK Body options also available.	Note	Pressure & PEEK Body options also
Operating Pressure Vacuum to 30 psig (2 bar)	Operating Pressure	Vacuum to 30 psig (2 bar)
Operating Temperature -20 to 158°F (-29 to 70°C) Range	Temperature	-20 to 158°F (-29 to 70°C)
Orifice / Port Thread 0.095" / 1/4-28 UNF, 38 I/min	· ·	0.095" / 1/4-28 UNF, 38 l/min
Porting 4 Valves	Porting	4 Valves
Product Line Brochure Isolation Valves		Isolation Valves
Response Time <50 ms	Response Time	<50 ms
Voltage 12 VDC	Voltage	12 VDC
Weight (lbs.) 0.4000	Weight (lbs.)	0.4000

