

The Series 202 Preciflow IPC (Inlet Pressure Compensated) valves are 2-Way, normally closed, solenoid valves designed to proportionally control the flow of air or inert gases by varying the electrical input to the coil. They are available as stand alone valves with cartridge or pad mount versions.

- Ideal to precisely control flow rates in medical equipment and analytical instrumentation.
- Compact construction saves valuable space in equipment.
- Valves do not require minimum operating pressure
- Low hysteresis, excellent repeatability, and high sensitivity for precise flow control.

Construction

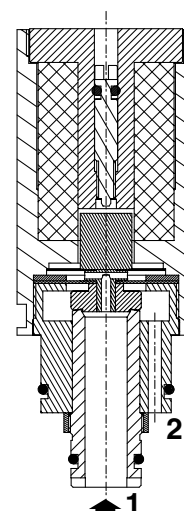
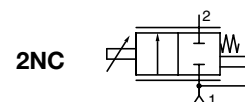
Valve Wetted Materials	
Body	Brass, Stainless Steel, or PVDF
Core and Plugnut	Stainless Steel
Springs	Stainless Steel
Seals	FKM

Electrical

Standard Voltage	6 VDC, 12 VDC, 24 VDC
Electrical Coil Input	0-6 VDC, 0-12 VDC, 0-24 VDC
Power Consumption	2.5 Watts
Opening Current	
6 VDC	Max. 420 mA
12 VDC	Max. 210 mA
24 VDC	Max. 110 mA
Recommended PWM Frequency	2000Hz
Hysteresis	<5%
Repeatability	<1%
Sensitivity	<1%
Coil Insulation	311°F (155°C)
Electrical Connectors	24 AWG Leads

Construction

Back Pressure Max.	10% of Inlet Pressure
Containment Pressure Max.	145 psi



Temperature Range:

Ambient & Media:
0°F to 122°F (0°C to 50°C)

Approvals:

Meets applicable CE directives.



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Specifications

Port Type	Orifice Size (in)	Cv Flow Factor	Operating Pressure (psi)		Prefix	Catalog Number	Const. Ref	Power (Watts)	Weight (oz)
			Min	Max					
G1/8 Brass	0.118	0.197	0	102	L	G202A514xxxx	1	2.5	6.5
Cartridge Stainless Steel	0.118	0.197	0	102	L	S202A515xxxx	2	2.5	2.2
Pad Mount PVDF	0.118	0.197	0	102	L	S202A516xxxx	3	2.5	2.6

Catalog Number Description and Options

L	G202A514	xxxx
Prefix	Catalog Number	Voltage
		06DC
		12DC
		24DC

Examples

LG202A51406DC = G1/8 inline mount with 0.118 orifice, 6VDC

Dimensions: Inches (mm)

