

Analog Pressure Regulator

Model	UR-7340(-B)				UR-7350(-B)			
Seal material*1	M: Metal	R: Rubber	M: Metal	R: Rubber	M: Metal	R: Rubber	M: Metal	R: Rubber
Valve state when there is no electric current (Normal valve state)	O: Open		C: Closed		O: Open		C: Closed	
Types of fluids	Gas							
Pressure control range	Gauge pressure type: 20 to 950 kPa (G) 10 to 500 kPa (G) Absolute pressure type: 10 to 300 kPa (A)		Gauge pressure type: 20 to 950 kPa (G) 10 to 500 kPa (G)*2 Absolute pressure type: 10 to 300 kPa (A)		Gauge pressure type: 20 to 950 kPa (G) 10 to 500 kPa (G) Absolute pressure type: 10 to 300 kPa (A)		Gauge pressure type: 10 to 500 kPa (G) Absolute pressure type: 10 to 300 kPa (A)	
Pressure adjustment valve flow rate N2 equivalent F.S. flow rate value	Pressure conditions: One-dimensional pressure 50 kPa (G); two-dimensional pressure atmospheric pressure [1013 hPa (A)] Under the pressure conditions listed above, 1 LM <0.0032>/5LM <0.016> * < > = Cv values				Pressure conditions: One-dimensional pressure 50 kPa (G); two-dimensional pressure atmospheric pressure [1013 hPa (A)] Under the pressure conditions listed above, 10 LM <0.0032> * < > = Cv values			
Accuracy	± 1% F.S.							
Max. one-dimensional pressure	Gauge pressure type: 1 MPa (G) Absolute pressure type: 400 kPa (A)		Gauge pressure type: 1 MPa (G)*3 Absolute pressure type: 400 kPa (A)		Gauge pressure type: 1 MPa (G) Absolute pressure type: 400 kPa (A)		Gauge pressure type: 550 kPa (G) Absolute pressure type: 400 kPa (A)	
Minimum differential pressure	Gauge pressure type: 50 kPa (d); absolute pressure type: 100 kPa (d)							
Differential pressure	Gauge pressure type: With 950 kPa (G), 1.5 MPa (G); with 500 kPa (G), 1 MPa (G) Absolute pressure type: With 300 kPa (A), 450 kPa (G)						Gauge pressure type: With 500 kPa (G), 1 MPa (G) Absolute pressure type: With 300 kPa (A), 450 kPa (G)	
Leak Integrity	Metal type: ≤ 5 x 10 ⁻¹² Pa·m ³ /s (He); rubber type: ≤ 1 x 10 ⁻⁸ Pa·m ³ /s (He)							
Operating temperature	5 to 50°C (accuracy guaranteed between 15 to 35°C)							
Materials at gas contact area	SUS316L	SUS316L, Fluoro rubber	SUS316L	SUS316L, Fluoro rubber	SUS316L	SUS316L, Fluoro rubber	SUS316L	SUS316L, Fluoro rubber
Standard Fitting	1/4 inch VCR type							
Pressure setting signal	0 to 5 VDC (input impedance 1 MΩ or higher)							
Pressure output signal	0 to 5 VDC (minimum load resistance 2 kΩ)							
Drive power source	+15 VDC ± 0.5V, 50 mA; -15 VDC ± 0.5V, 50 mA (maximum instantaneous power 120 mA)							
Mounting orientation	Free							

*1 (-B): Provides one-dimensional pressure adjustment (back pressure type). *2 For the (-B) type, only 10 to 500 kPa is supported. *3 For the (-B) type, up to 550 kPa (G).

* Pressure values written within square brackets [] are for reference only. NOTE: MO: Metal seal, normally open; RO: Rubber seal, normally open; B: Supports one-dimensional pressure adjustment (back pressure type).

* Internal surface polishing is available for metal seal type models. (A): Absolute pressure; (G): Gauge pressure; (d): Differential pressure

* LM is a symbol indicating gas flow rate (L/min at 25°C, 101.3 kPa).