PRESSURE REDUCING REGULATOR

PRU100

Technical Data

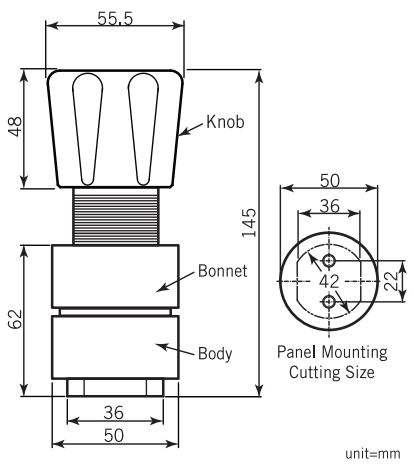
For using gas and liquid
Inlet pressure: 600, 3500 Psig maximum
Adjustable outlet pressure in ranges: 20, 50, 100, 150, 250, 500 Psig
Operating temperature: -60 to 150°C
Diaphragm material: 316L stainless steel, and Hastelloy C-276 on request
Body material: 316L stainless stee and Hatelloy C-276 on request
Bonnet material: 316L stainless stee
Seat material: Teflon, PFA, and Special Teflon Seat available
CV flow coefficients: 0.06
Process connection: ¼"NPT and ¼"PT female
Two gauge connection ports are: ¼"NPT female
Use no oil: available

Plastic Knob

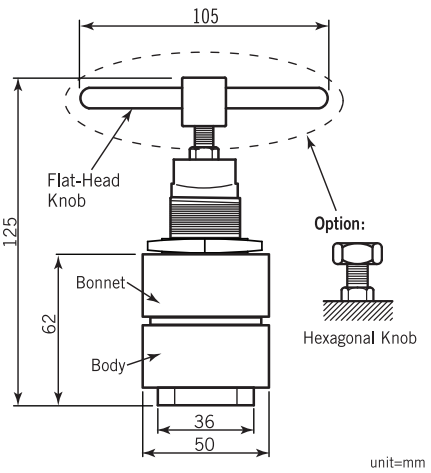
Metal Knob

Dimensions

Plastic Knob



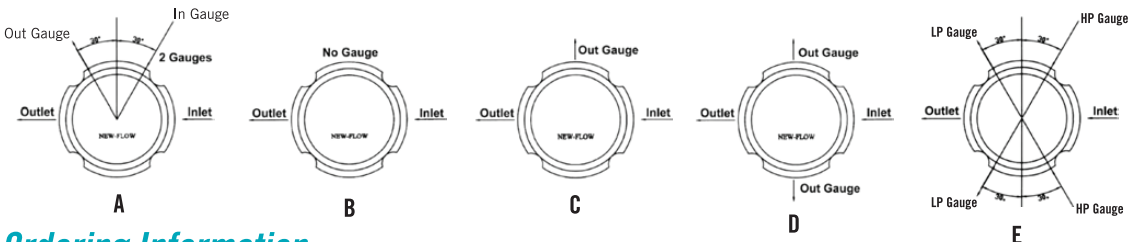
Metal Knob



Selection Table

Size & Diaphragm / Port	¼"NPT(F) SS316L Diaphragm	¼"PT(F) SS316L Diaphragm	¼"NPT(F) HC-276 Diaphragm
A (2in/2out)	✓	✓	✓
B (1in/1out)	✓		✓
C (1in/2out)	✓	✓	✓
D (1in/3out)	✓	✓	✓
E (c/w 2PG)	✓		

Standard Port Configuration



Ordering Information

PRU100	Code	Body Material (wetted parts)					
	1	316L Stainless Steel (Bonnet SS316L)		2	Hastelloy C-276 (Bonnet SS316L)		
	Code	Knob Material					
	A	Plastic		B	Metal (Flat-Head)	C	Metal (Hexagonal)
	Code	Max. Inlet Pressure					
	1	600 Psig		2	3500 Psig		
	Code	Outlet Pressure Range					
		(1) 1-20 Psig (2) 1-50 Psig (3) 2-100 Psig (4) 2-150 Psig (5) 3-250 Psig (6) 5-500 Psig					
	Code	Seat Material / Max. Inlet Pressure / Temp. Limit					
	A	Teflon / 600 Psig / -20°C~+80°C					
	B	PFA / 3500 Psig / -20°C~+150°C					
	C	Special Teflon Seat / 3500 Psig / -60°C~+80°C					

Code	Port Configuration				
	A	B	C	D	E

PRU100							Complete Ordering Code

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