

GO REGULATOR

PR-7ULF Series

Pressure Reducing Regulator



The PR-7ULF Series pressure reducing regulator is designed to furnish ultra precise low outlet pressure control to analytical instrumentation. With the combination of the large diaphragm sensing area of the PR-7 Series regulator and a super low flow valve seat assembly, pressure control down to 1 inch of water at 2cc of flow is easily obtainable.

Features & Specifications

- Gas service
- 316L stainless steel or brass (alloy 360) construction
- PTFE / Viton® diaphragm
- Electropolished body (316L) with better than 25 Ra finish in diaphragm cavity
- 20 micron inlet filter
- Bubble-tight shutoff
- Outlet pressure ranges are 0–6, 0–25, 0–50, and 0–100 psig
- Viton® seat
- 0.004 Cv flow coefficient

pressure regulators

GO Regulator

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How to Order

PR7U –

BODY MATERIAL

- 1 316L stainless steel
- 2 Brass

PORT CONFIGURATION

- A** Standard

For more port configurations, see page 35

PROCESS PORT TYPES

(GAUGE PORT TYPES, IF SPECIFIED)

- 0** 1/8" FNPT (1/8" FNPT gauge ports)
1 1/4" FNPT (1/4" FNPT gauge ports)

SURFACE FINISH OF DIAPHRAGM CAVITY

- 1** $< 25 \text{ Ra}$

VENT VALVE:

- | | |
|---|-----|
| 0 | No |
| 1 | Yes |

DIAPHRAGM TYPE

- ## 1 Standard

-OUTPUT RANGE

- B** 0–6 psig
D 0–25 psig
E 0–50 psig
G 0–100 psig

-CAP ASSEMBLY

- | | |
|---|---|
| 4 | Hand knob, 1 $\frac{3}{8}$ " panel mount, stainless steel |
| 5 | Captured vent, aluminum |
| 6 | Captured vent, panel mount, aluminum |
| 7 | Captured vent, stainless steel |
| 8 | Tamper-proof, stainless steel |
| 9 | Fine adjust, $\frac{1}{2}$ " panel mount, stainless steel |
| 0 | Fine adjust, 1 $\frac{3}{8}$ " panel mount, stainless steel |
| Y | Hand knob, stainless steel |

-DIAPHRAGM MATERIAL

- 1** Viton®
6 Tefzel® ring/stainless steel

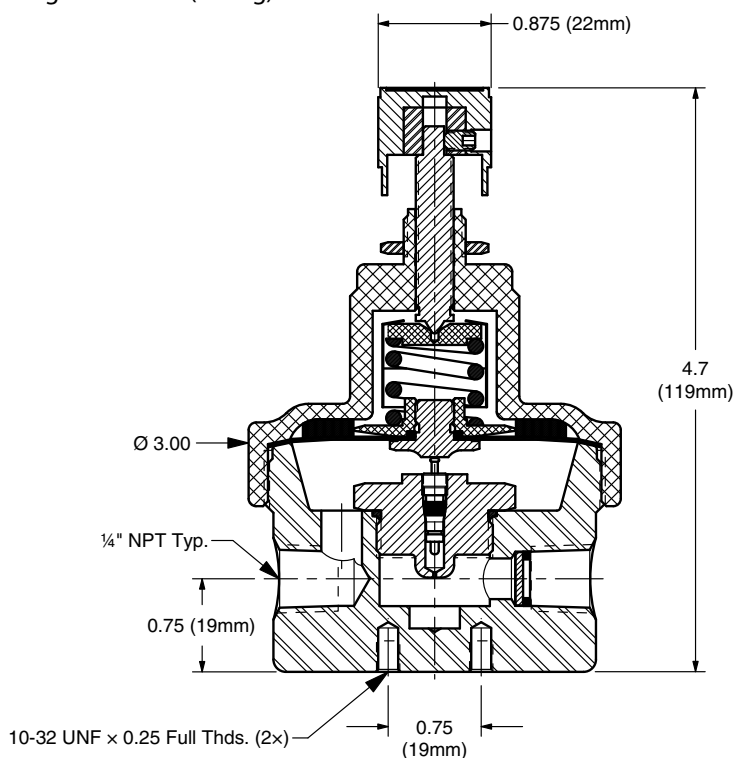
NOTE: The choices above represent an abbreviated list of the more commonly ordered options. For a complete listing of all available options, please see the Selection Wizard on the GO website at www.goreg.com or contact the factory.

Maximum Temperature & Operating Inlet Pressures

SEAT MATERIAL	MAXIMUM TEMPERATURE	@	MAXIMUM OPERATING INLET PRESSURE
Viton®	120° F (49° C)	@	250 psig (1.73 MPa)

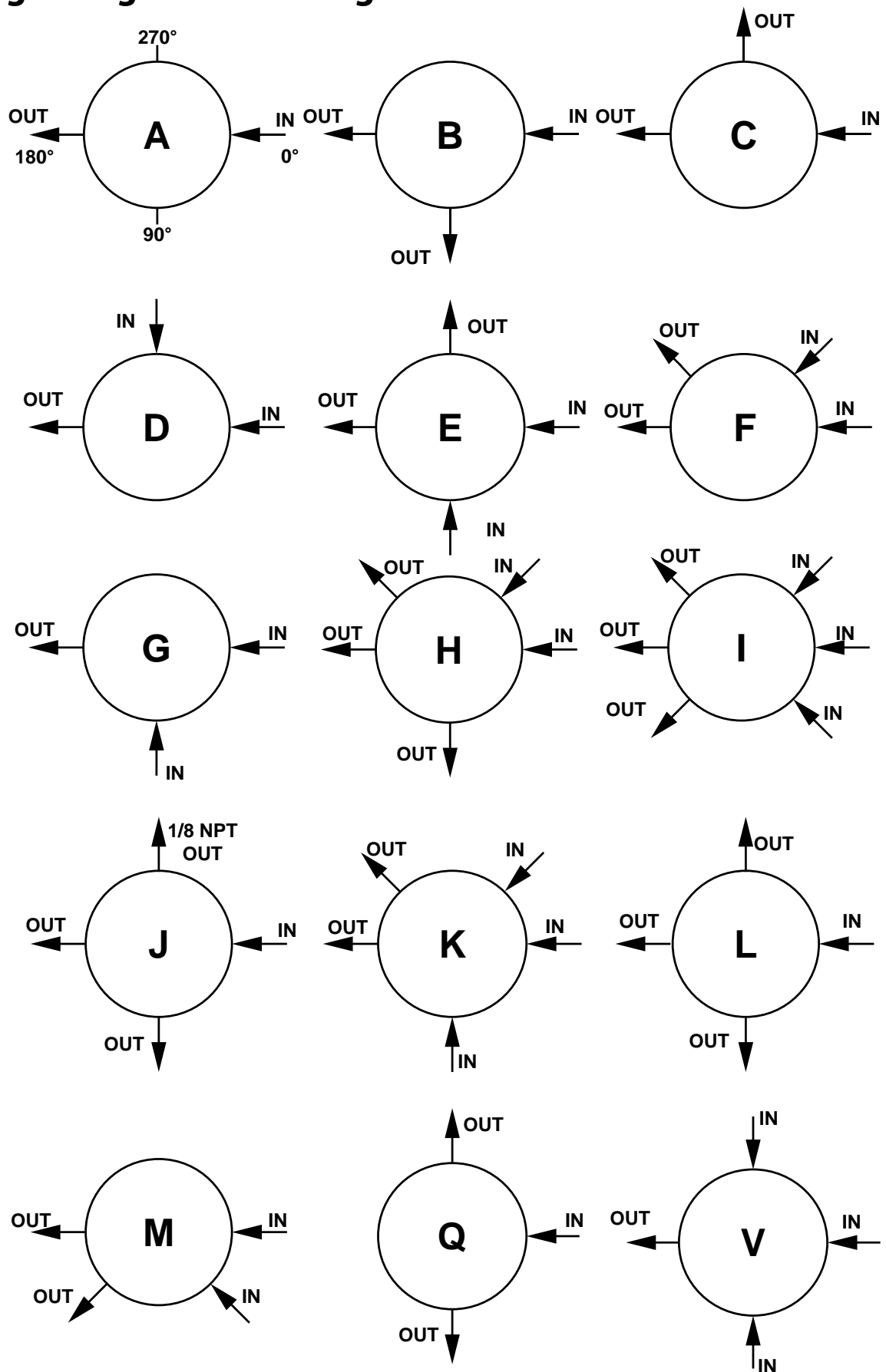
Outline and Mounting Dimensions

Weight = 3.2 lbs (1.45kg)



*Tefzel® is a registered trademark of the DuPont Company.
Viton® is a registered trademark of DuPont Dow Elastomers.*

Porting Configurations for Single Stage Pressure Regulators



LOCATION OF PORTS FROM
TOP VIEW