GO REGULATOR, INC.

BP-8LF Series

High Sensitivity Back Pressure Regulators

Introduction

The BP-8LF Series back pressure regulator is designed to furnish precise low back pressure control in analytical instrumentation. With the combination of the large diaphragm sensing area of the BP-8 Series Regulator and the low flow seat assembly of the BP-3 Series pressure regulator, pressure control down to 10 inches of water is easily obtainable.



Typical Applications

- Analytical instrumentation
- Gas and liquid sampling
- Research labs

Technical Data

CONSTRUCTION	316L stainless steel (standard) Monel® or Hastelloy® C-276 (optional)		
ADJUSTABLE STANDARD PRESSURE RANGES	0-6, 0-25, 0-50, 0-75, 0-125, 0-250 & 0-500 psig		
OPERATING TEMPERATURE	-40° F to +500° F (-40° Cto +260° C)		
C _V COEFFICIENT	0.2 (standard) 0.03, 0.05, 0.06, 0.12, 0.24, 0.3, 0.095, 0.025, 0.04, 0.005, 0.01 (optional)		
INLET &OUTLET CONNECTIONS	1/4"FNPT		

Features & Benefits

- · Sensitive pressure control
- · Low pressure adjustability
- Standard PTFE / Viton® diaphragm

Options

• PTFE / stainless steel diaphragm

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Maximum Temperature and Control Pressures

SEAT MATERIAL	MAXIMUMTEMPERATURE	@	MAXIMUMCONTROL RANGE
Viton®	250° F (121° C)	@	500 psig (5.16 MPa)
Kalrez®	300° F (148° C)	@	500 psig (5.16 MPa)
High density PTFE	200° F (93° C)	@	500 psig (5.16 MPa)
Polyimide	500° F (260° C)	@	500 psig (5.16 MPa)

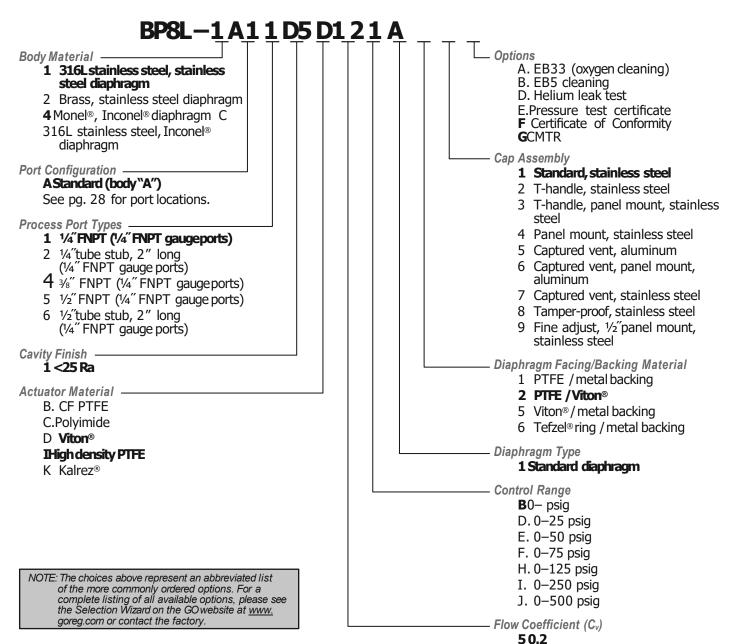
Temperatures in excess of 175° F (80° C) require the use of a T-handle or the tamper proof option.

ToOrder, contact your local Distributor Link below: www.goreg.com/distributor/index.htm

Verifythatyourchosen partnumberis validusing the GOWizards at www.gareg.com/products/matrix/indexhtm

How to Order

For additional configurations, consult the factory. Standard items in bold.



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Outline and Mounting Dimensions

