

GO Regulator

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° C to +260° C)		
C _V COEFFICIENT	0.2 (standard) 0.03, 0.06, 0.3, 0.025, 0.04, 0.005, (optional)		
INLET & OUTLET CONNECTIONS	1/4" FNPT		

Features & Benefits

- Sensitive pressure control
- Low pressure adjustability
- Standard PTFE / INCONEL® diaphragm

Options

- PTFE / Viton® diaphragm
- Panel mounting
- Extra ports
- 3/8" FNPT, 1/2" FNPT

High Sensitivity Back Pressure Regulators

Maximum Temperature and Control Pressures

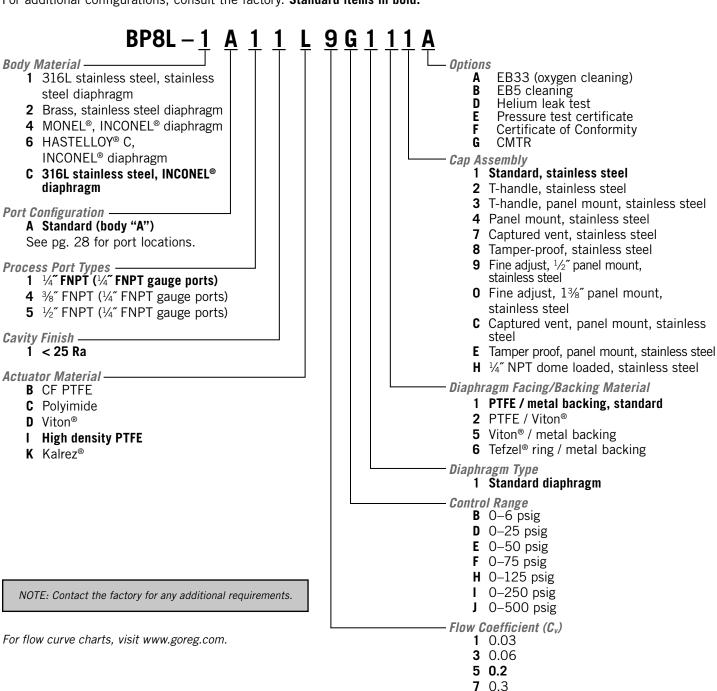
SEAT MATERIAL	MAXIMUM TEMPERATURE	@	MAXIMUM CONTROL RANGE
Viton®	250° F (121° C)	@	500 psig (3.44 MPa)
Kalrez®	300° F (148° C)	@	500 psig (3.44 MPa)
High density PTFE	200° F (93° C)	@	500 psig (3.44 MPa)
Polyimide	500° F (260° C)	@	500 psig (3.44 MPa)
PEEK™	500° F (260° C)	@	500 psig (3.44 MPa)

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

How to Order

To Order, contact your local Distributor Link below: <u>www.goreg.com/distributor/index.htm</u> Verify that your chosen part number is valid using the GO Wizards at www.goreg.com/products/matrix/index.htm

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



C 0.025E 0.04I 0.005