# **GO**REGULATOR, INC.

## **MR Series**

Ultra Miniature Pressure Regulator



The MR is an ultra-miniature pressure regulator that has many of the same features found in the timetested design of the CPR-1 & PR-1 Series pressure regulators. Designed for surface, panel or manifold mounting, the MR offers the utmost in versatility to the systems designer. It's low internal volume of less than 2.7cc makes the MR the perfect choice for systems that require rapid purge cycles. Standard features permit using this regulator in a wide variety of services, including corrosive fluids. The MR can be tailored to virtually any application by utilizing the optional features. All of this is attainable while achieving as low as 0.2% accuracy during supply pressure fluctuations. This regulator is designed to allow the construction of compact and sophisticated analytical instrumentation where the optimum in pressure control is required and space is at a premium.

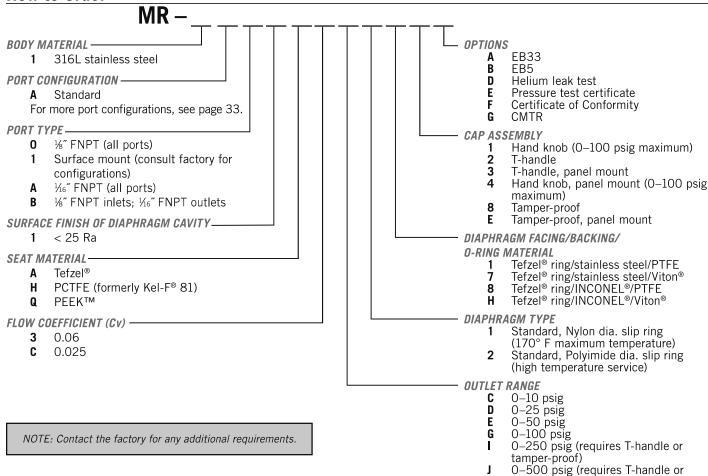
#### **Features & Specifications**

- Gas or liquid service
- 316L stainless steel construction
- Internal volume is less than 2.7cc
- 20 micron inlet filter
- Bubble-tight shutoff
- Outlet pressure ranges are 0–10, 0–25, 0–50, 0–100, 0–250 and 0–500 psig
- Cv flow coefficient 0.025 or 0.06
- Option: surface mount (for manifolds)
- Optional INCONEL® diaphragm

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

Verify that your chosen part number is valid using the GO Wizards at www.goreg.com/products/matrix/index.htm

#### **How to Order**



#### **Maximum Temperature & Operating Inlet Pressures**

| SEAT MATERIAL              | MAXIMUM<br>TEMPERATURE | @ | MAXIMUM OPERATING<br>INLET PRESSURE |
|----------------------------|------------------------|---|-------------------------------------|
| Tefzel®                    | 150° F (66° C)         | @ | 3600 psig (24.82 MPa)               |
| PCTFE (formerly Kel-F® 81) | 175° F (80° C)         | @ | 6000 psig (41.37 MPa)               |
| PEEK™                      | 500° F (260° C)        | @ | 3600 psig (24.82 MPa)               |
| PEEK™                      | 175° F (80° C)         | @ | 6000 psig (41.37 MPa)               |

### **Outline and Mounting Dimensions**

tamper-proof)

