

PR-56 Series High Pressure Regulator



To meet the demands for an economical way to safely reduce inlet pressures up to 6000 psig GO Inc. has designed the PR-56 Series regulator. This precision regulator features a piston sensor design which provides the operator with low adjusting torque requirements when resetting the outlet pressure.

The optional self relieving feature provides an additional level in operational ease, as it allows for trapped downstream pressure to be safely vented to atmosphere through the bonnet.

- Gas or liquid service
- Brass (alloy 360) construction
- Stainless steel piston sensor
- Better than 25 Ra finish in diaphragm cavity
- 20 micron inlet filter
- Bubble tight shutoff
- Viton® seals (other elastomers optional)
- Outlet pressure ranges are 250, 500, 750, 1000, 2000, 4000 and 6000 psig
- Proof pressure is 2 times maximum working pressure
- Burst pressure is 4 times maximum working pressure
- Weight: 4.4 lbs (2.0 kg)
- Mounting style is surface or panel (see Outline and mounting dimensions)

Maximum Temperature & Operating Inlet Pressures

Seat Material	Maximum Temperature		Maximum Operating Inlet Pressure
Tefzel®	150° F (66° C)	@	3600 psig (24.82 MPa)
PCTFE	175° F (80° C)	@	6000 psig (41.37 MPa)
Polyimide	175° F (80° C)	@	6000 psig (41.37 MPa)
PEEK	175° F (80° C)	@	6000 psig (41.37 MPa)