

MINIATURE PRECISION AIR PRESSURE REGULATOR

PRG98A Series



- ✓ High Resolution Adjustment of Set Pressure
- ✓ Highly Accurate Air Pressure Regulation in a Small Package
- ✓ Three Pressure Ranges Available
- ✓ Compact and Lightweight

OMEGA's PRG98A miniature air pressure regulator provides the highest level of regulation accuracy and repeatability available in a compact lightweight housing. It is ideal for applications that require precise pressure control and substantial flow capacity under variable operating conditions and limited space.

SPECIFICATIONS

Maximum Supply Pressure: 10 bar (150 psi)

Supply Pressure Effect: 0.5 psi for 100 psi change

Flow Capacity: 10 SCFM @ 100 psi inlet

Exhaust Capacity: 7 SCFM

Sensitivity: 0.25 inH₂O

Repeatability: 0.3% of span

Air Consumption: 6 SCFH maximum at 150 psi supply

Temperature Limits: -18 to 71°C (0 to 160°F)

Port Sizes (In/Out/Gauge): 1/16 - 27 NPT

Mounting: Pipe, panel, through body or optional bracket

Dimensions: 35.1 W x 35.1 D x 98.5 mm H (1.38 x 1.38 x 3.88")

Weight: 0.16 kg (0.35 lbs)

Materials:

Body: Diecast aluminum alloy, chromate and epoxy paint

Elastomers: Nitrile

Trim: Zinc plated steel

Additional Materials: Brass, aluminum, stainless steel, zinc plated steel



PRG98-30 shown actual size.



Add a Gauge to Your System!

PGU-15B-160PSI/11BAR, with back-mount fitting, shown actual size.

Visit omega.com/pgu_series for PGU-15B series for compatible pressure gauges.

To Order

MODEL NO.	OUTPUT PRESSURE RANGE	
	psi	bar
PRG98A-30	0 to 30	0 to 2.1
PRG98A-60	0 to 60	0 to 4.1
PRG98A-120	0 to 120	0 to 6.9

Comes complete with operator's manual.

Ordering Example: PRG98-60, miniature pressure regulator with 1.4 to 60 psi adjustable range.