



# Single Turn Precision Pressure Regulator

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## Product Features

- No Bleed Rate to Atmosphere
- High Precision output pressure control
- Max Flow Capacity of 480 lpm
- Adjusts for Dynamic Flow Rates
- Bubble tight seal when set to zero

## Zero Bleed Design

Common precision pressure regulator designs require a bleed flow or gas consumption to atmosphere, sometimes as high as 2.5 lpm, to maintain its accurate pressure regulation. The unique dual-valve-proportional-valve design in the Kelly Pneumatics Precision Pressure Regulator eliminates the need for this wasted gas consumption, and is perfect for gases that cannot be vented to atmosphere. Wasted gas consumption depletes limited pressure supply sources over time, which is completely avoided with our design. Each of our Precision Pressure Regulators undergo a stringent leak test, prior to shipment, to ensure there is zero leakage to atmosphere.





# Single Turn Precision Pressure Regulator

## Specifications

|                         |   |
|-------------------------|---|
| Flow Capacity           | 480 lpm (at 100 psig supply / 20 psig regulated pressures)  |
| Media                   | Air and Other Inert Gases   |
| Materials               | 6061-T6 Aluminum, Acetal, Brass, Delrin, Stainless Steel, Plated Steel, Buna-N, FKM (Viton), Nylon reinforced mesh, phenolic plastic (adjustment knob - no contact with medium) |
| Output Pressure Range   | 0-25 psig (1.7 BAR), 0-40 psig (2.7 BAR), 0-60 psig (4 BAR), 0-120 psig (8 BAR), 0-150 psig (10 BAR)  |
| Sensitivity             | 1/8" water (3.2 mm)   |
| Bleed Rate              | None  |
| Total Gas Consumption   | None  |
| Maximum Supply Pressure | 160 psig  |
| Operating Temperature   | -20° to 160°F (-29° to 71°C)  |
| Weight                  | 1.5 lb (635 g)  |
| Port Sizes              | 1/8" and 1/4" NPT   |
| Mounting Options        | Panel or Bracket Mounted  |
| Power Requirements      | Includes Power Adapter (supplied via standard U.S. wall outlet)   |
| Wetted Materials        | Cold rolled stainless steel w/ electroless nickel plating, brass and 304 stainless steel.   |

## Dimensions

