



FIXED FLOW

PRESSURE REDUCING REGULATOR

2700

SERIES

PREMIER INDUSTRIES

1590 99th Ln NE,
Minneapolis, MN 55449
763-786-4020



MADE IN THE USA
MINNEAPOLIS, MN

DESCRIPTION

Compact, fixed flow, piston sensed, regulator used for calibration gases and industrial hygiene monitors. Premier 2700 Series regulators are capable of regulating a broad range of media compatible with materials of construction. Flows are set using a unique integrated flow adjustment valve prior to shipment.

FEATURES

- Compact size (1.18" dia. x 3.43" high)
- Very competitive pricing
- Factory preset flow settings from 0.25 liters/min to 9.0 liters/min
- Models are available for both corrosive and non-corrosive service in a variety of materials
- Machined bar stock body, and bonnet eliminates porosity found in castings
- Numerous optional features and configurations are available.

The Premier 2700 Series pressure reducing regulator's design is remarkably flexible. Contact **PREMIER INDUSTRIES** for a custom 2700 Series regulator to meet your exact needs.

2700 SERIES

FIXED FLOW PRESSURE REDUCING REGULATOR



SPECIFICATIONS

- **MAXIMUM INLET PRESSURE:** 3000 PSIG
(dependent upon configuration)
- **STANDARD PRESET CONTROL PRESSURE:**
 - 40-60 PSIG
 - Other preset control pressures optional
- **LEAK RATE:** Bubble Tight
- **SHUT OFF VALVE OPTIONS:** *(see page 3)*
 - None
 - Rotary/Multi-turn
 - Bayonet/Toggle
 - Slide valve
 - Trigger
 - Push Button
 - Solenoid
- **FLOW (Cv):** Preset to customer specifications
(at factory or inventory location)

MATERIALS OF CONSTRUCTION

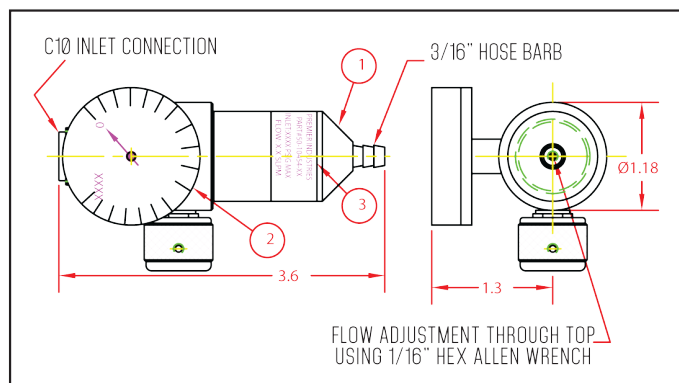
- **BODY OPTIONS:**
 - SAE 360 Brass
 - SAE 360 Brass, Electroless Nickel Plated
 - 303 Stainless Steel
 - 316 Stainless Steel
 - 6061-T6 Aluminum, Clear Anodized
- **BONNET OPTIONS:**
 - 6061-T6 Aluminum, Clear Anodized
 - SAE 360 Brass
 - SAE 360 Brass, Electroless Nickel Plated
- **PISTON:**
 - SAE 360 Brass
 - 303 Stainless Steel
 - 316 Stainless
 - 6061-T6 Aluminum, Clear Anodized
- **PISTON SEALS:**
 - Viton®
 - All elastomers available
- **VALVE SEAT:** Teflon®

OPTIONAL ITEMS

- Gauges (1/8 FNPT Porting): inlet, outlet, or both
- Yoke style CGA connection
- Inlet shut off/metering valve
- Relief valve
- Seat and sealing materials
- Anodized colors for aluminum bodies and bonnets
- Private label

PORTING

- **INLET PORTING:**
 - C10 (5/8-18 UNF)
 - 1/8" FNPT
 - 1/8" MNPT,
 - 1/4" FNPT
 - 1/4" MNPT
 - All CGA Connections Available:
 - CGA 165, 180, 320, 510, 580, 600, etc.
- **OUTLET PORTING:**
 - 3/16" Hose Barb
 - 1/4" hose barb
 - 1/8" FNPT
 - 1/8" MNPT
 - 1/4" FNPT
 - 1/4" MNPT



Part Number: 50-10454 shown above

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