

2700E SERIES

Fixed Flow, Piston Sensed
Pressure Reducing Regulators



Economical, piston sensed, fixed flow, pressure reducing regulators used for calibration gases and industrial hygiene monitors. Premier 2700E Series regulators are set using a unique integrated flow adjustment valve prior to shipment; flow settings range from 0.25 LPM to 9.0 LPM. Premier 2700E Series regulators are rated for inlet pressures up to 1500 PSIG (103.4 bar).

FEATURES

- Economical
- Factory preset flow settings from 0.25 liters/min to 9.0 liters/min
- Rotary shut off valve
- 1500 PSIG (103.4 BAR) max inlet
- Machined bar stock body, and bonnet eliminates porosity found in castings

SOME APPLICATIONS WILL REQUIRE A CUSTOM SOLUTION.
CONTACT PREMIER INDUSTRIES TO REQUEST A MODIFICATION
OR A CUSTOM DESIGN.

SPECIFICATIONS

- **MAXIMUM INLET PRESSURE:**
 - 1500 PSIG (103.4 bar)
- **"DEAD ENDED" STATIC OUTLET PRESSURE:**
 - 55 ±20 PSIG
- **LEAK RATE:** Bubble Tight
- **SHUT OFF VALVE:** Rotary
- **FLOW (Cv):**
 - Preset to customer specifications from 0.25-9.0 LPM (at factory or inventory location)

PORTING

- **INLET PORTING:**
 - C10 (5/8-18 UNF)
- **OUTLET PORTING:**
 - 3/16" Hose Barb

OPTIONS

- Private label

MATERIALS OF CONSTRUCTION

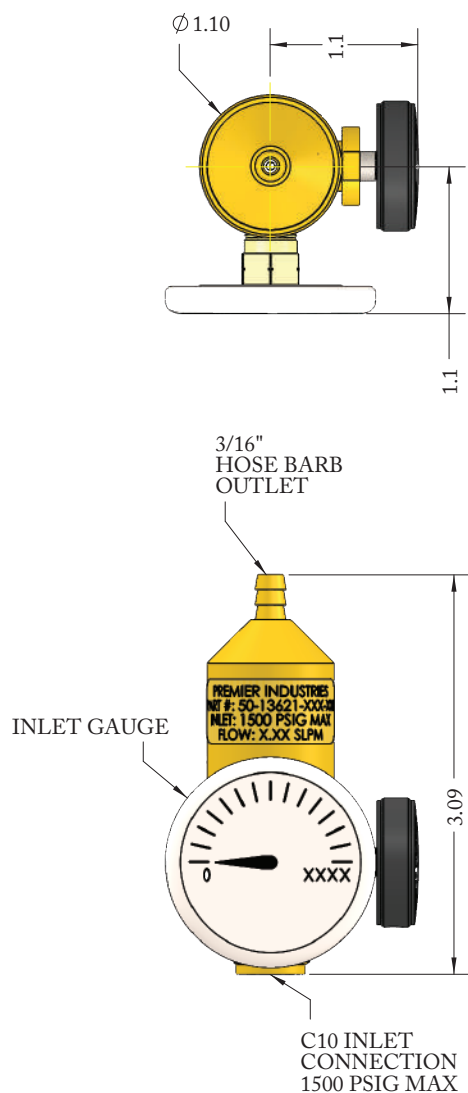
- **BODY:**
 - SAE 360 Brass, Electroless Nickel Plated
- **BONNET OPTIONS:**
 - SAE 360 Brass, Electroless Nickel Plated
- **PISTON:**
 - SAE 360 Brass
- **O-RING OPTIONS:**
 - Buna-N
 - Viton®
 - EPDM
- **VALVE SEAT:** PTFE
- **BACKUP RING:** PTFE
- **VALVE STEM:** 303 Stainless Steel
- **FILTER:** 40 Micron 316 Stainless Steel
- **LUBRICANT:** Krytox GPL 206
- **GAUGE:** See selection table on page 4

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Krytox® is a registered trademark of the Chemours Company FC, LLC.

Contact factory for material certifications. Fees may apply.

PART NUMBER 50-13621



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PART #	-	1	2	3	-	4	5	6
50-13621	-				-			

1	BODY & BONNET/ PISTON MATERIAL
0	SAE 360 BRASS, NICKEL-PLATED SAE 360 BRASS (PISTON)
2	GAUGE (PRESSURE/ MATERIAL)
0	1200 PSIG / BRASS WETTED & STAINLESS STEEL CASE
1	1500 PSIG / BRASS WETTED & STAINLESS STEEL CASE
2	1200 PSIG / STAINLESS STEEL WETTED & STAINLESS STEEL CASE
3	O-RING MATERIAL
0	BUNA-N
2	VITON®
5	EPDM

4 5 6	FLOW SETTING
XXX = X.XX SLPM EXAMPLES: 025 = 0.25 SLPM (MIN) 900 = 9.00 SLPM (MAX)	

CONSULT PREMIER INDUSTRIES IF
ORDERING SPECIAL MODS, OR IF
UNLISTED CONFIGURATIONS ARE
REQUIRED.

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