

## PC28 PRESSURE CONTROL PILOT

The PC28 is a rugged, economical low pressure control pilot. It can be used anywhere pressure control of low pressure gas is required. When used in conjunction with a control valve it may serve as either a back pressure regulator or pressure reducing regulator. It can also be used to send a signal when the sense pressure falls below a given set point.

The PC28 is available in reverse or direct acting. The reverse acting PC28 functions by sensing a high-pressure signal and outputting a low-pressure signal when the high pressure signal falls above the set point. A NACE option is also available.



## Specifications

**Connections:** 1/4" Female NPT

**Temperature Range:** -20° F to 400° F

**Set Pressure Range:** 0.5 oz - 20 psi

**Required Supply Pressure:** Equal to or not less than 60% of maximum upstream pressure when used to operate low pressure control valves. 20-30 psi when used to operate high pressure control valves.

**Weight:** 30 lbs

**Materials:**

**Body, bonnet, and base:** Ductile Iron

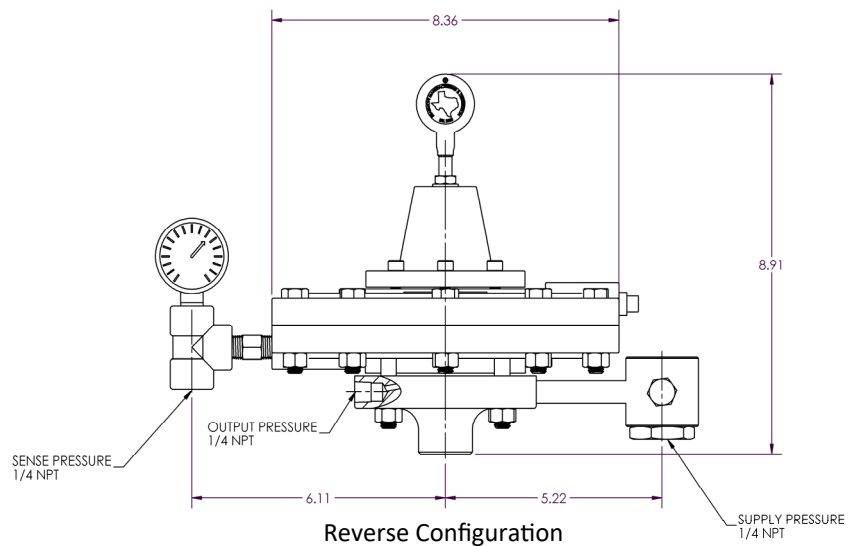
**Seats:** Stainless Steel

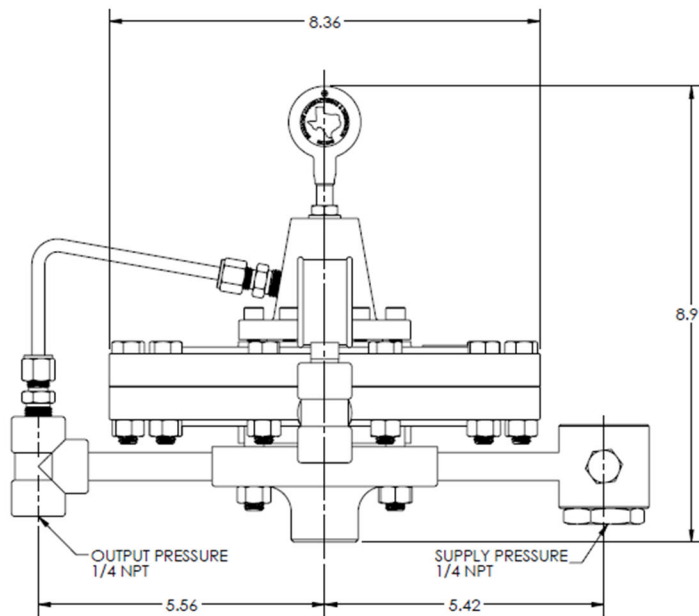
**Main Spring:** Carbon Steel

**Diaphragm:** Nylon Reinforced Buna, Nylon Reinforced Viton® (Optional)

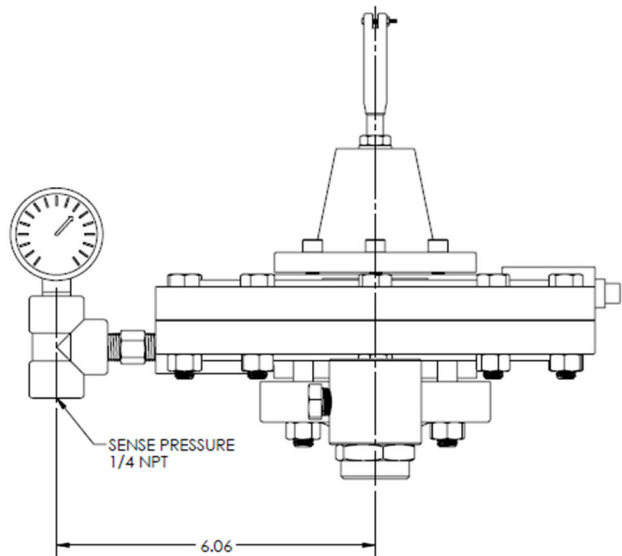
**Seals:** Buna, Viton® (Optional)

## Dimensions





Direct Configuration



Reverse Configuration

## How to Order

Example Model No. **PC28-1RB**

PC28 Series Pressure Control Pilot, 0.5 oz - 2.5psi, Reverse Acting, Steel Body, Ductile Iron Bonnet, Ductile Internals, Nylon Reinforced Buna Diaphragm, Buna Seals

NOTE: Standard model comes with mounting bracket and screws.

### Pressure Range

1 - 0.5 oz-2.5 psi    2 - 1 oz - 5 psi    3 - 1 psi-20 psi

### Action

R - Reverse    D - Direct

### Elastomers

B - Buna    V - Viton (NACE)

Repair Kits Available

**PC28 - 1 R B**

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