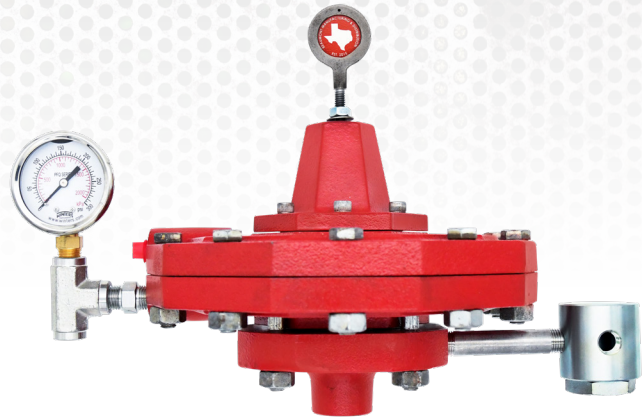


PC28 PRESSURE CONTROL PILOT



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.

The PC28 functions by sensing pressure and then outputting a signal pressure when the sensed pressure falls below or rises above its setpoint. The standard PC28 is reverse acting and will output a low pressure signal when the sense pressure falls below its setpoint. A direct option is also available and will output when the sense pressure rises above the setpoint. Multiple springs are available to cover a range of setpoints from 0.5 oz/in² to 20 psi.



SPECIFICATIONS

Connections:

- 1/4" Female NPT

Temperature Range:

- -20° F to 180° F (-29° C to 82° C)

Set Pressure Range:

- 0.5 oz - 20 psi

Weight:

- 30 lbs

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.

MATERIALS

Body, bonnet, and base:

- Ductile Iron

Seats:

- Stainless Steel

Main Spring:

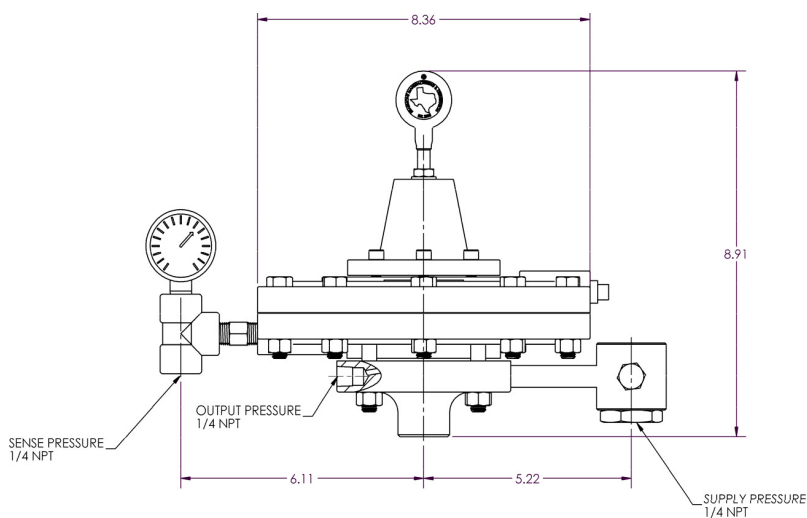
- Carbon Steel

Diaphragm:

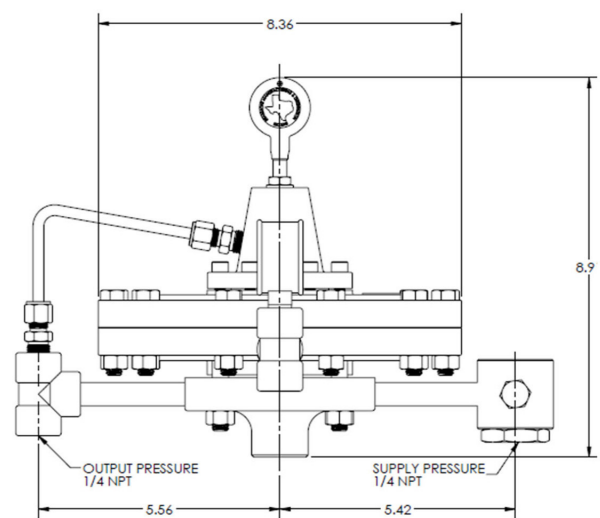
- Nylon Reinforced Buna
- Nylon Reinforced Viton® (Optional)

DIMENSIONS

REVERSE CONFIGURATION



DIRECT 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

P C 2 8 - 1 R B
SERIES

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)	

NOTE: Standard model comes with mounting bracket and screws.
Repair kits available

BEAUMONTMANUFACTURING.COM

PHONE: 409.225.563 | FAX: 409.242.1005
850 FANNIN STREET, BEAUMONT, TEXAS 77701

08/2026

