

PC88 PRESSURE CONTROL PILOT

The PC88 is a rugged, economical pressure control pilot. It can be used anywhere pressure control of high 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 goes above or falls below a given set point.

The PC88 is available as direct acting or reverse acting. The action is field reversible. The PC88 Direct functions by sensing a high-pressure signal and outputting a low-pressure signal when the high pressure signal rises above the set point. The PC88 Reverse outputs a low-pressure signal when the high pressure signal falls below the set point. A NACE option is also available.

Specifications

Connections (Sense Pressure, Supply & Output Pressures): 1/4" Female NPT

Vent: 1/8" Female NPT

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Temperature Range: -20° F to 400° F

Set Pressure Range: 75 to 1500 psi

Weight: 17 lbs

Materials:

Body, Base and Bonnet: WCB Steel

Internals: Stainless Steel

Main Spring: Carbon Steel

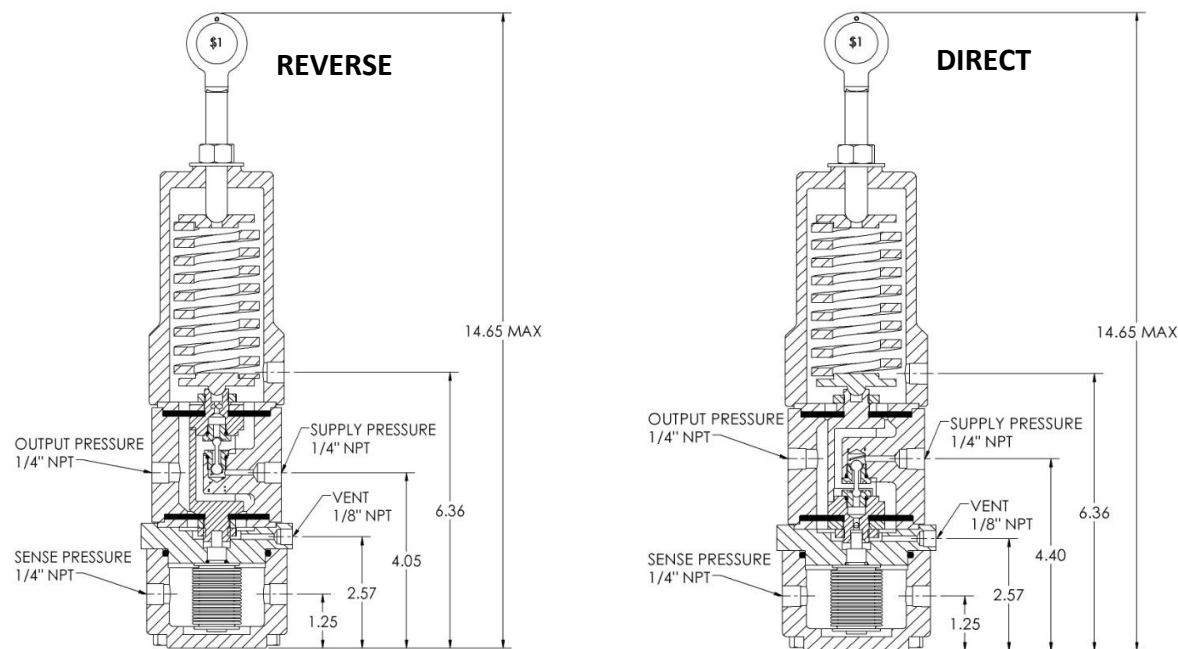
Diaphragm: Nylon Reinforced Buna, Nylon Reinforced Viton (Optional)

Seals: Buna, Viton (Optional)

| Pressure Range (psig) | Adjustment | Sensitivity | |
|--------------------------|----------------------------|---------------------------------|----------------------------------|
| | Set Point Change (psig) | Sense Pressure Change (psig) | Output Pressure Change (psig) |
| 75-500 | 20 psig/ 1 Turn | 1 | 1.6 |
| 75-750 | 20 psig/ 1 Turn | 1 | 1.6 |
| 150-1500 | 40 psig/ 1 Turn | 1 | 1 |



Dimensions



How to Order

Example Model No. **PC88-1RB**
PC88 Series Pressure Control Pilot, 75-750 psi, Reverse Acting, Steel Body, Bonnet and Base, Stainless Steel Internals, Nylon Reinforced Buna Diaphragm, Buna Seals

NOTE: Standard model comes with mounting bracket and screws.

| PC88 - 1 R B | | |
|-----------------------|------------------|----------------|
| Pressure Range | | |
| 1 - 75-750 psi | 2 - 125-1500 psi | 3 - 75-500 psi |
| Action | | |
| D - Direct | R - Reverse | |
| Elastomers | | |
| B - Buna | V - Viton | |

Repair Kits Available

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