

Pressure Control Pilots

PC88 Models

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

Temperature Range:

-20° F to 400° F (-28° C to 204° C)

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)

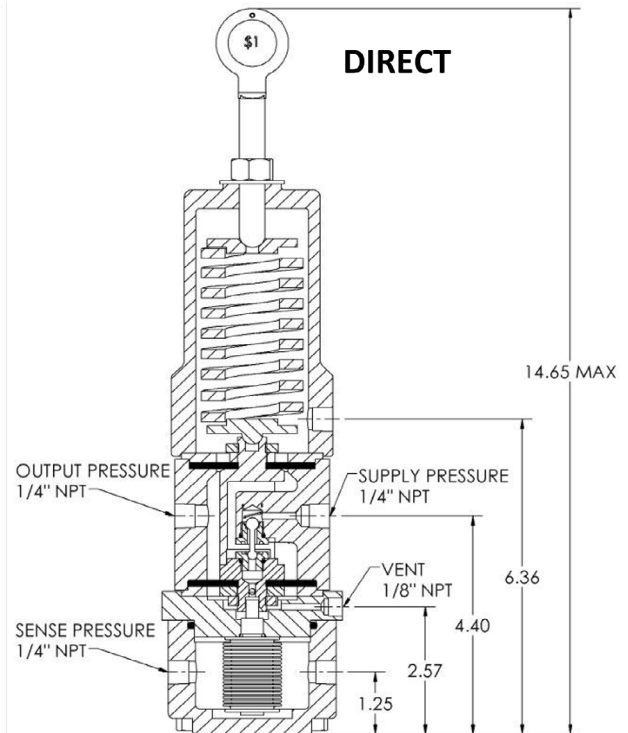
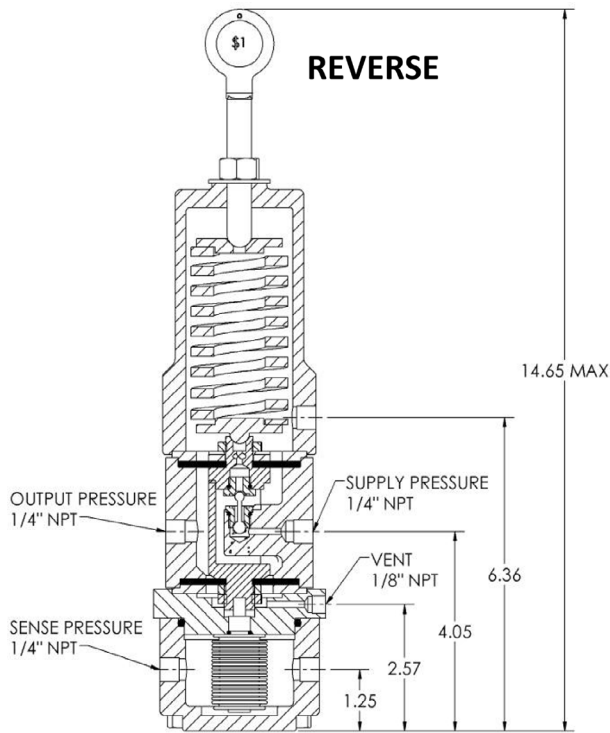
Seals: Buna, Viton® (optional)



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Pressure Range (psig)	Adjustment Set Point Change (psig)	Sensitivity	
		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

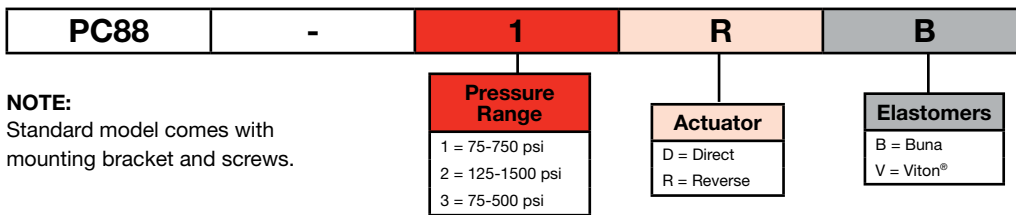


How to Order

Options are listed below. All configurations may not be available. Call your sales representative or FW Murphy for more information. Repair kits are available.

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.

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