

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

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

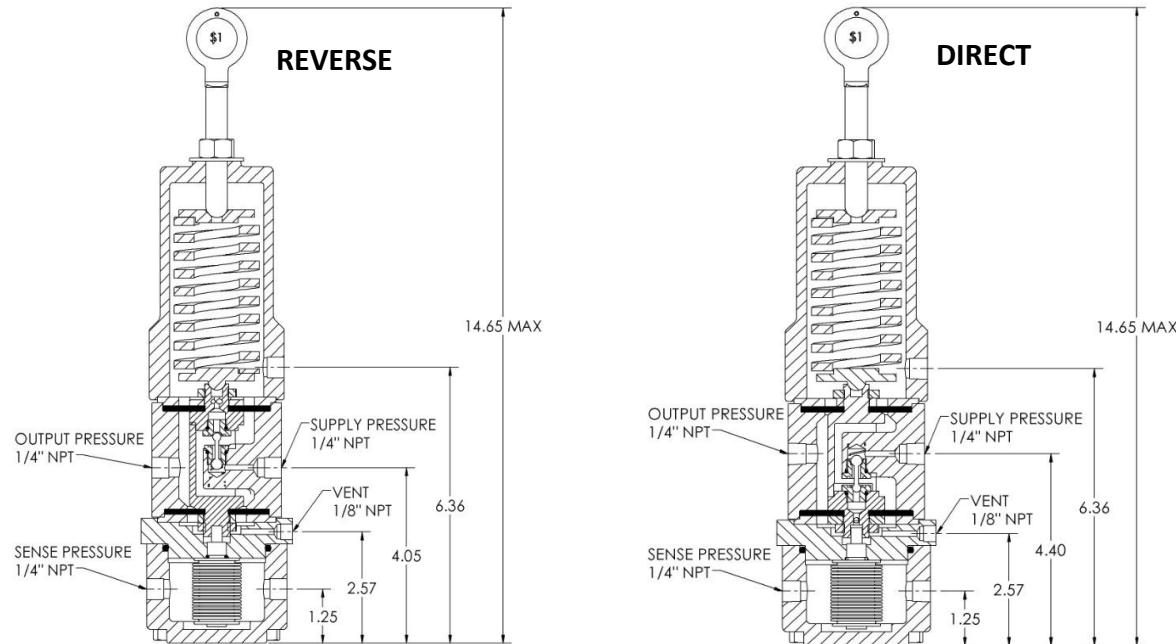
Main Spring: Carbon Steel

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 (NACE)

Repair Kits Available

Beaumont Manufacturing
bmd
and Distribution Company
www.beaumontmanufacturing.com

Phone: 409-225-5863

Fax: 409-242-1005

850 Fannin

Beaumont, Texas 77701