

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.

The PC88 is available as direct 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 compliant option with Viton® soft goods is available.

SPECIFICATIONS

Connections:

- 1/4" Female NPT

Temperature Range:

- -20° F to 400° F (-29° C to 204° C)

Set Pressure Range:

- 75 to 1500 psi

Max Working Pressure:

- 1500 psi

Weight:

- 17 lbs

MATERIALS

Body, Base and Bonnett:

- WCB Steel

Internals:

- Stainless Steel

Main Spring:

- Carbon Steel

Diaphragm:

- Nylon Reinforced Buna

- Nylon Reinforced Viton® (Optional)

Seals:

- Buna

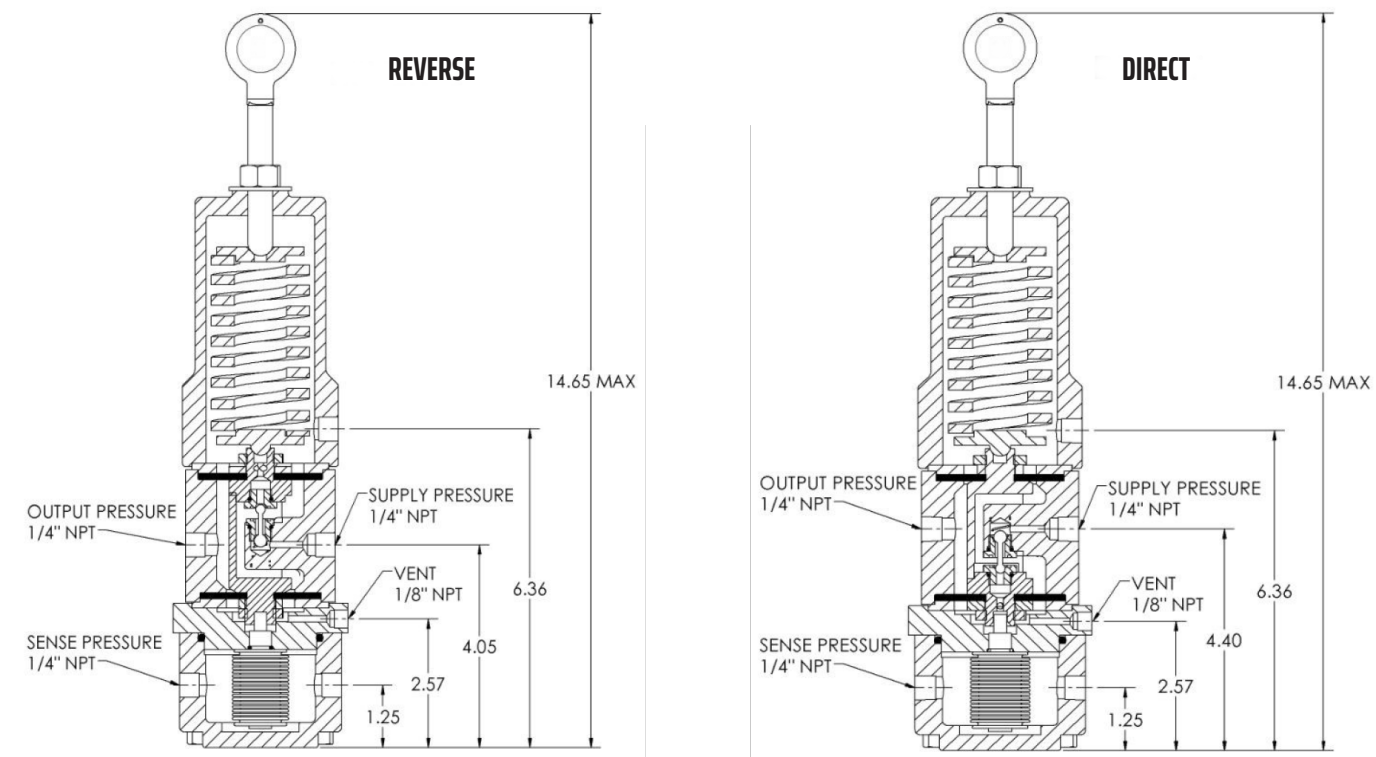
- Viton® (Optional)



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 Rein-forced Buna Diaphragm, Buna Seals

PC88 - 1 R B
SERIES

PRESSURE RANGE		
1 - 75-750 psi	2 - 125-1500 psi	3 - 75-500 psi
ACTION		
R - Reverse	D - Direct	
ELASTOMERS		
B - Buna	V - Viton (NACE)	

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

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