

PC48 PRESSURE CONTROL PILOT

The PC48 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 standard PC48 is available as reverse acting. The PC48 functions by sensing a high-pressure signal and outputting a low-pressure signal when the high pressure signal falls above the set point. A direct acting option is also available and works by outputting a low-pressure signal when the high pressure signal rises above the set point. A NACE option is also available.

Specifications

Connections: 1/4" Female NPT

Temperature Range: -20° F to 400° F

Set Pressure Range: 5 to 300 psi

Sensitivity: 1 psi Sense Pressure change corresponds to roughly 8 psi Output Pressure change

Weight: 16 lbs

Materials:

Body and Base: Steel

Bonnet: Ductile Iron

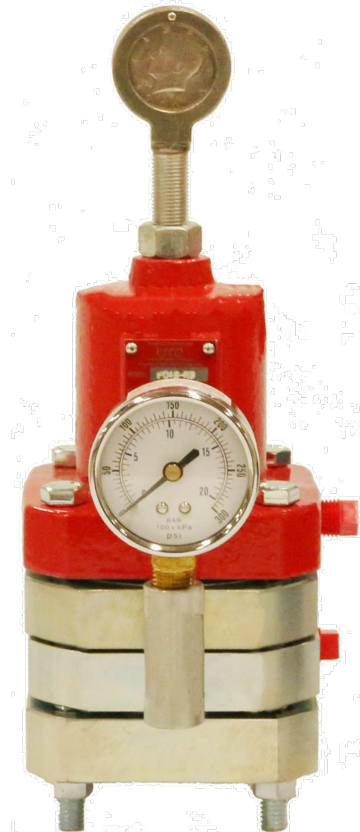
Seats: Stainless Steel

Main Spring: Carbon Steel

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

Seals: Buna, Viton (Optional)

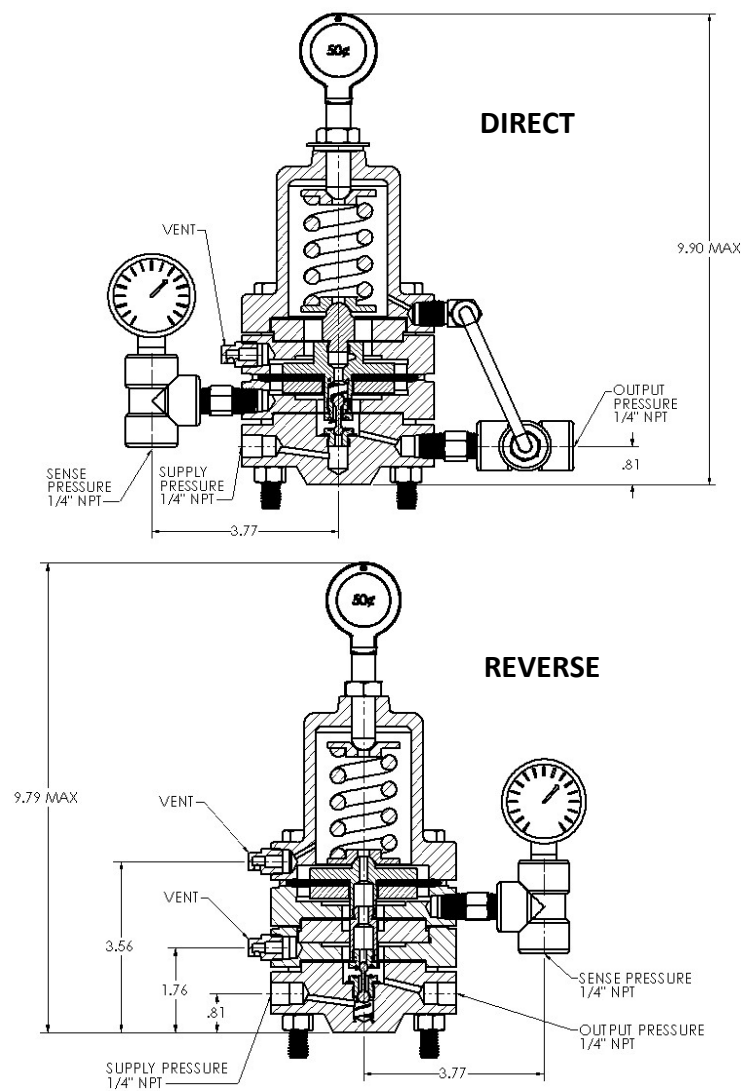
REVERSE



DIRECT



Dimensions



How to Order

Example Model No. **PC48-RB-150**
PC48 Series Pressure Control Pilot, Reverse Acting, Steel Body and Base, Ductile Iron Bonnet, Stainless Steel Seat, Nylon Reinforced Buna Diaphragm, Buna Seals, 150 PSI Spring

NOTE: Standard model comes with mounting bracket and screws.

Action	
D - Direct	R - Reverse
Elastomers	
B - Buna	V - Viton (NACE)
Spring	
150 - 150 psi	300 - 300 psi

PC48 - R B - 150

Repair Kits Available

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