



## MSPC88 PRESSURE CONTROL PILOT

The MSPC88 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 MSPC88 is available as direct acting or reverse acting. The action is field reversible. The MSPC88 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 MSPC88 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

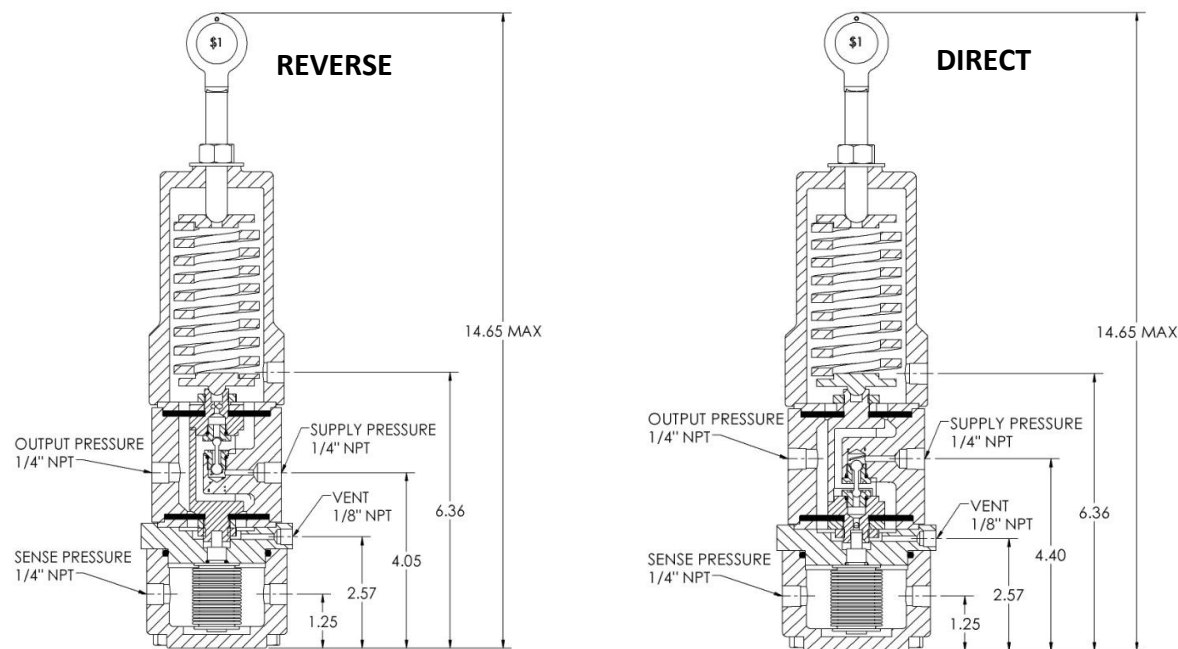
**Diaphragm:** Nylon Reinforced Buna, Nylon Reinforced Viton (Optional)

**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. **MSPC88-1RB**  
MSPC88 Series Pressure Control Pilot, 75-750 psi, Reverse Acting, Steel Body, Bonnet and Base, Stainless Steel Internals, Nylon Rein-forced Buna Diaphragm, Buna Seals

NOTE: Standard model comes with mounting bracket and screws.

Pressure Range			MSPC88 - 1 R B
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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