

BAUM

PNEUMATICS INC.

Specifications

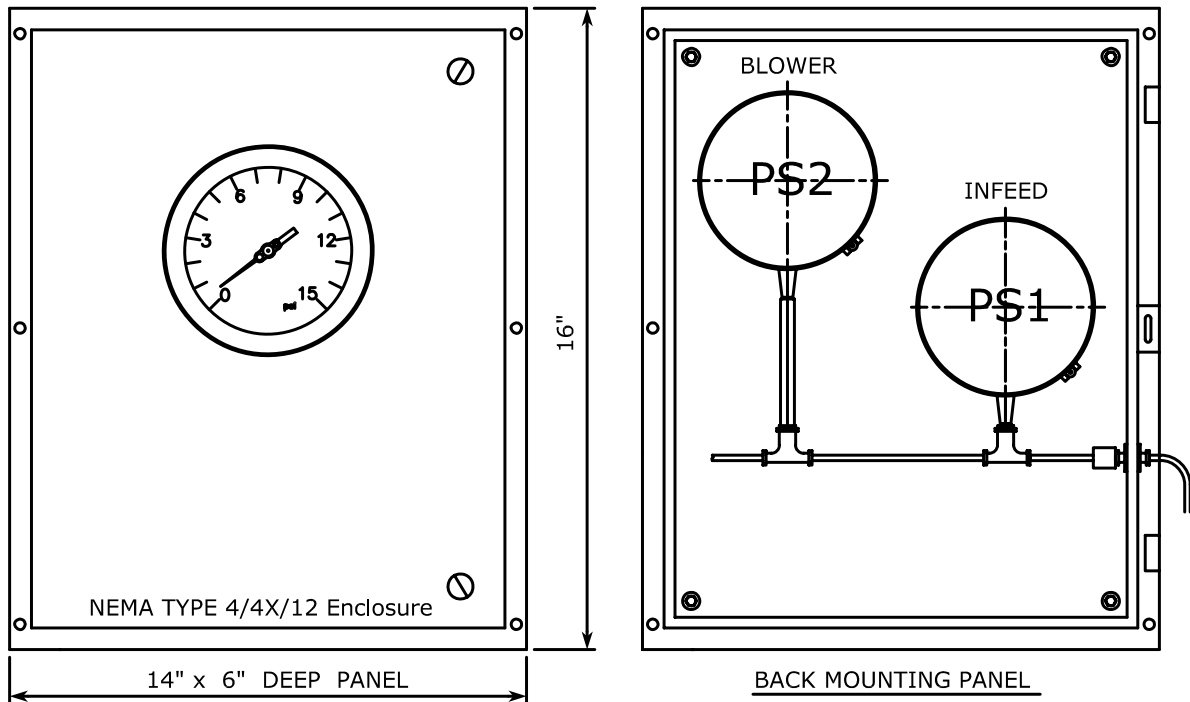
Pneumatic Conveying Systems
Simple Pressure Control Panel

A-9600

Rev. 0

01 / 03

PR. SW.	FUNCTION	CUT-OUT	RESET
PS1	MATERIAL INFEED CUT OUT	psi	psi
PS2	BLOWER - CUT OUT (SHUT-DOWN)	psi	0 psi



FEATURES : One Pressure Gauge - 4" Ø S / ST 316L, Range 0 - 15 psi (0 - 100 KPa)
 Two Pressure Limit Switches - Range 1/8 -15 psi (MERCROID DA 31-153-1)
 Single Pole, Double Throw (S.P.D.T) with adjustable Deadband 120V-4A / 240V-2A rating each.
 Panel Box - 14 GA. with Hinged Door.
 Time Delays & Control Relays or P.L.C. Supplied by others.
 Indicator Lights with Terminals optional.
 Blowline pressure connection 1/8" N.P.T. max. to Blower. (Input 0 - 10 psi)
 Mount level on a Vibration Free Surface

NOTE: Installation of these panels requires the two pressure switches be wired into the control circuits of the blower motor and material infeed motor. These switches are normally closed and open with pressure rise. Switches are supplied SP.D.T. (N.C. or N.O.)
 As material is fed into the line, pressure will rise to the system's max. operating design point. The switch controlling the material infeed will open and stop the flow of the material.
 To automatically restart the infeed, the pressure must drop to a set point 1 psi above free running pressure. If pressure continues to rise after stopping the material infeed, the blower switch will open, shutting the entire system down, requiring investigation and a manual restart.

⚠ WARNING: Blower Pressure Switch resets itself once pressure drops to it's reset point, but Blower should NOT restart automatically.