

P120 Series

Snap Acting Non-Bleed Pneumatic Level Control

Application – High & Low Level Control; working 1500 psig to 5000 psig

- Pneumatic float-actuated device for High or Low Level control or to operate Control Valves
- Use on production separators, heaters/treaters, scrubbers, liquid accumulators & process vessels
- Stainless Steel construction for use with most Liquids or Liquid interfaces
- Operates with low Specific Gravity of .5 and above
- Snap Acting Non-Bleed from 0 to full supply
- Direct mounting inside vessel or external float Cage



Features

- Durability and Dependability in every component
- Standard 316 Stainless Steel wetted components for corrosion resistance
- Optional materials for added corrosion resistance as required
- Choice of Displacer options to meet various pressure applications
- Design features ensure no leakage of process fluid into the surrounding environment with no need for seals; adding to Safety

Specific Benefits of the Pathway P120

- Economical small-float installation
- Direct-acting or Indirect-acting simply by altering the supply and exhaust connections
- Excellent Serviceability and Ease of Repair with Quick-change replacement parts
- Manual Override option provides for quick field testing of the unit

Specifications

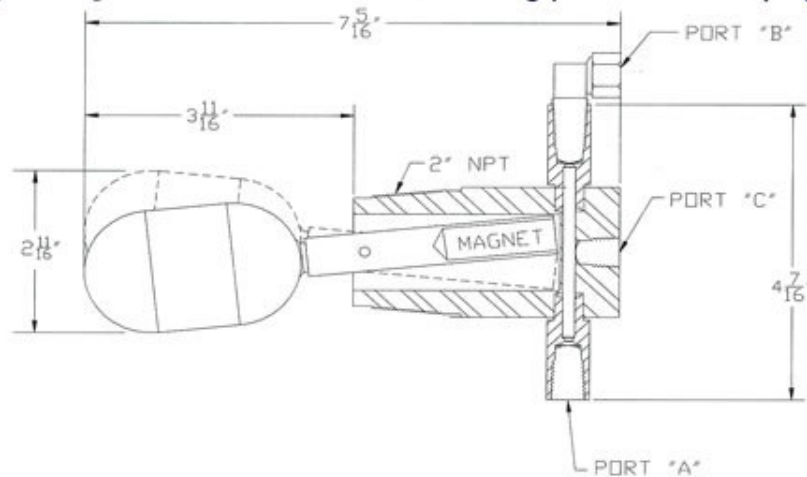
Output:	Snap Acting, Non-Bleed from 0 to Full Supply
Working Pressure:	1500 psig; available up to 5000 psig
Supply Pressure:	30 psig standard; 60 psig and 100 psig available
Temperature:	-40° F to +450° F
Specific Gravity:	0.5 minimum; interface 0.1 differential minimum
Materials:	316 Stainless Steel Wetted components; optional materials available
Connections:	
Process:	2" NPT standard, Ring Bolted normally with external cage, 1½" NPT available, optional 3" or larger flange
Supply & Output:	1/4" NPT

Benefits of ALL Pathway Control Products

- Personalized service and support expertise
- Time-tested & proven design providing dependability and reliability in the field
- Custom applications welcomed to meet your needs
- Responsive, On-time delivery
- Quality built in

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Ordering Chart:

P120 Series: Pneumatic Level Control	→	P120-
P120C:	External cage added, ring bolted (body style 0)	
Body Style:		
0	Ring bolted, 1500 psig standard; 3000 psig on P120C (disp. 1, 2 or 3)	
1	2" NPT	1
2	2" NPT with manual override	
3	Extended 2" NPT, vertical displacer (3 or 9)	
6	Extended 2" NPT, manual override, vertical displacer (3 or 9)	
7	Extended 2" NPT, horizontal displacer (3 or 9)	
8	Extended 2" NPT, manual override, horizontal displacer (3 or 9)	
Displacer Type:		
1	Standard 316 SS float	
2	High pressure 5000 psig polypropylene displacer, +180° F maximum temperature; specific gravity 0.6 min.	
3	Interface, 5000 psig polypropylene displacer, +180° F maximum temperature, upper fluid less than .870 specific gravity; lower fluid more than .970 specific gravity	
4	Customer to specify S.G. as needed for both upper and lower	
9	High pressure 5000 psig polypropylene displacer, +180° F maximum temperature, specific gravity 0.5 minimum	1
Supply Pressure:		
1	30 psig	
2	60 psig	
3	100 psig	1
Other:		
0	No other options	
2:	Annulus plug	
5:	Customer Specified Requirements (such as flange size)	
Option ():	Assigned based upon Customer Specific requirements	0

Example as Selected

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