

P120 Series – Manual Override Snap Acting Non-Bleed Pneumatic Level Control

Application – High & Low Level Control; working pressure up to 1500 psi

- Pneumatic float-actuated switch for High or Low Level control or to operate Control Valves
- Excellent where ease of field testing is required
- 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



Features

- Manual Override provides easy field testing of device
- Durability and Dependability in every component
- Standard 316 Stainless Steel wetted components for corrosion resistance
- Optional materials for added corrosion resistance as required
- Variety of Displacer options and orientations for different applications
- Design limits the possibility of process fluid leakage into the surrounding environment

Specific Benefits of the Pathway P120

- Economical 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

Specifications

Output:	Snap Acting, Non-Bleed from 0 to Full Supply
Working Pressure:	Pressures up to 1500 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, 1 ½" NPT available, 3" flanged or larger
Supply & Output:	1/4" NPT

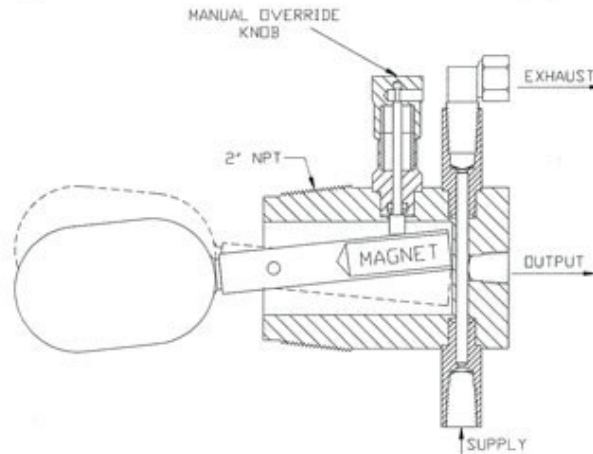
Benefits of ALL Pathway Control Products

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

P120 Series – Manual Override

Snap Acting Non-Bleed Pneumatic Level Control Switches

Specifications: High & Low Pressure Control; working pressure up to 1500 psig



Ordering Chart:

P120 Series: Pneumatic Level Control Switch		→	<div style="border: 1px solid black; padding: 2px; width: 60px; margin: 0 auto;">P120-</div> <div style="border: 1px solid black; padding: 2px; width: 100px; margin: 0 auto; text-align: center;">2</div> <div style="border: 1px solid black; padding: 2px; width: 100px; margin: 0 auto; text-align: center;">1</div> <div style="border: 1px solid black; padding: 2px; width: 100px; margin: 0 auto; text-align: center;">1</div> <div style="border: 1px solid black; padding: 2px; width: 100px; margin: 0 auto; text-align: center;">0</div>
P120C:	External cage added, ring bolted (body style 0)		
Body Style:			
0	Ring bolted, 1500 psig standard		
1	2" NPT		
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 polypropylene displacer, +180° F maximum temperature; specific gravity 0.6 min.		
3	Interface, 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 polypropylene displacer, +180° F maximum temperature, specific gravity 0.5 minimum		
Supply Pressure:			
1	30 psig		
2	60 psig		
3	100 psig		
Other:			
0	No other options	→	
2:	Annulus plug		
5:	Customer Specified Requirements (such as flange size)		
Option ():	Assigned based upon Customer Specific requirements		

Example as Selected

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