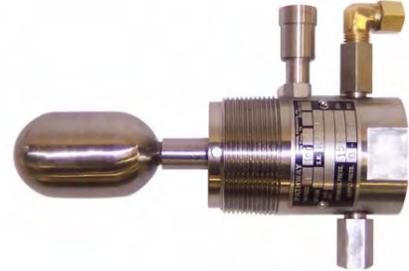


P120 Series – Manual Override

Snap Acting Non-Bleed Pneumatic Level Control

Application – High & Low Liquid Level Control; WP up to 1500 psig

- Float-actuated Pneumatic Switch for High or Low Level control or to operate Control Valves
- Manual Override provides easy In-service Testing
- Use on production separators, heaters/treaters, scrubbers, liquid accumulators & process vessels
- Stainless Steel construction for use with most Liquids or Liquid interfaces
- Low Specific Gravity of .5 and above
- Snap Acting Non-Bleed from 0 to full supply
- Direct mounting inside vessel or threaded External Float Cage



Features and Benefits of the Pathway P120 with Manual Override

- Manual Override for ease of Field Testing
- Durable, Dependable 316 SS wetted components for Corrosion Resistance
- Few Moving Parts for Reduced Maintenance and long term Performance
- Excellent Serviceability and Ease of Repair with Quick-change replacement parts
- Economical small-float installation
- Displacer options for various Pressure, Specific Gravity and Interface applications
- Direct-acting or Indirect-acting simply by altering the supply and exhaust connections

Specifications

Output:	Snap Acting, Non-Bleed from 0 to Full Supply
Working Pressure:	Pressures up to 1500 psig with Manual Override
Supply Pressure:	30 psig standard; 60 psig and 100 psig available
Temperature:	-40° F to +450° F
Specific Gravity:	0.5 minimum; 0.4 minimum with counterweight; interface 0.1 differential
Materials:	316 Stainless Steel Wetted components; optional materials available
Process Connection:	2" NPT standard, 3" flanged or larger (1½" NPT not available)
Supply/Output Connection:	¼" NPT

P120 Manual Override Common Options

- 304 SS and 316 SS flange
- Counterweight for lower S.G.
- Annulus Plug for use with sediments
- Stainless Steel Vent assembly
- Float Arm Extensions of 2", 4", 6" on standard body style
- Extended body with Horizontal or Vertical displacer

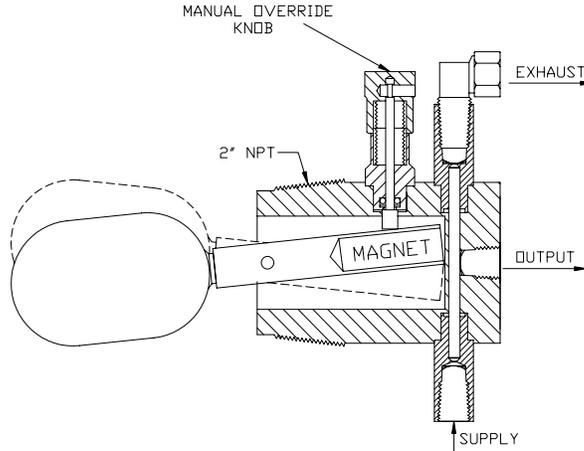
Benefits of ALL Pathway Control Products

- Personalized service and support expertise; Responsive, On-time Delivery
- Time-tested & proven design providing Dependable, Long-term service

P120 Series – Manual Override

Snap Acting Non-Bleed Pneumatic Level Control

Dimensions:



Ordering Chart:

P120 Series: Pneumatic Level Control		→
P120C:	Ring Bolted External Cage, WP 1500 psig to 3000 psig (body style 0)	
Body Style:		
0	Ring bolted body on P120C (no manual override; no extended body)	
1	2" NPT standard body	
2	2" NPT, manual override*	→
3	Extended body, 2" NPT, vertical displacer (3 or 9)	
6	Extended body, 2" NPT, manual override*, vertical displacer (3 or 9)	
7	Extended body, 2" NPT, horizontal displacer (3 or 9)	
8	Extended body, 2" NPT, manual override*, horizontal displacer (3 or 9)	
	*WP 1500 psig on manual override	
Displacer Type:		
1	316 SS standard float, WP 1500 psig, 0.5 SG min (body style 0, 1, 2) →	
2	Polypropylene high pressure displacer, WP 5000 psig standard, 3000 psig on P120C, +180° F max temp, 0.6 SG min (body style 0, 1, 2)	
3	Interface Polypropylene displacer, WP 5000 psig standard, 3000 psig on P120C, +180° F max temp; upper fluid < .870 SG, lower fluid > .970 SG	
4	Customer defined SG for upper and lower fluid interface	
9	Polypropylene high pressure displacer, WP up to 5000 psig, +180° F max temp, 0.5 SG min (extended body style 3, 6, 7, 8)	
Supply Pressure:		
1	30 psig (flow rate 40 scfh at 30 psig) →	
2	60 psig (flow rate 25 scfh at 30 psig)	
3	100 psig (flow rate 15 scfh at 30 psig)	
Other:		
0	No other options →	
2:	Annulus plug	
5:	Customer Specified Requirements (see P120 common options)	
Option (#):	Assigned # for Customer Specific requirements	

Example:

P120-

2

1

0

Example as Selected

P120 - 21 - 10