

P110 Series Snap Acting Pneumatic Level Control

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

- Float-actuated Snap Acting Pneumatic switch 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
- Low Specific Gravity of .4 and above
- Snap Acting from 0 to full supply
- Direct mounting inside vessel or External Float Cage



Features and Benefits of the Pathway P110

- Durable, Dependable 316 SS wetted components for Corrosion Resistance
- No Internal Seal used thus eliminating the possibility of process fluid leakage
- Few moving parts for Reduced Maintenance and long term Performance
- Economical small-float installation
- Displacer options for various Pressure, Specific Gravity and Interface applications
- Replaceable Snap Acting Pilot
- Direct-acting or Indirect Acting achieved by simply inverting the level control
- Manual Override option for Field Testing

Specifications

Output:	Snap Acting from 0 to Full Supply
Working Pressure:	1500 psig; available up to 5000 psig; 1500 psig with manual override
Supply Pressure:	30 psig to 60 psig std; available 15 psig to 40 psig; 50 psig to 100 psig
Temperature:	-40° F to +450° F
Specific Gravity:	0.4 minimum
Materials:	316 Stainless Steel Wetted Components; optional materials available
Process Connection:	2" NPT standard, Ring Bolt on P110C, 3" flanged or larger
Supply/Output Connection	1/8" NPT

P110 Common Options

- Manual Override for Field Testing
- 316 SS & 304 SS flange connection
- 15 psig to 40 psig or 50 psig to 100 psig supply
- Monel float
- Stainless Steel vent
- Annulus Plug for use with sediments

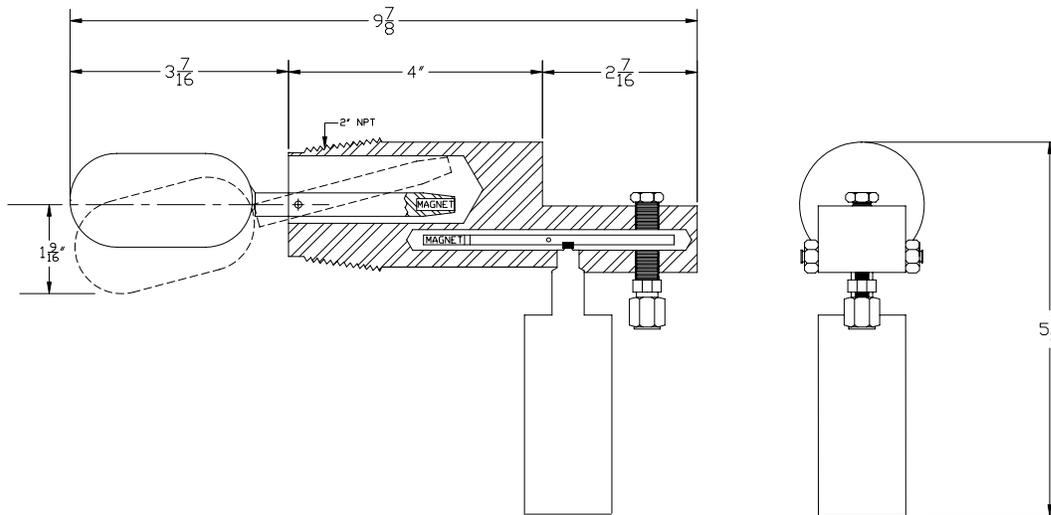
Benefits of ALL Pathway Control Products

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

P110 Series

Snap Acting Pneumatic Level Control

Dimensions:



Ordering Chart:

Example:

P110 Series: Snap Acting Pneumatic Level Control →
 P110C: Ring Bolted External Cage; WP 1500 psig to 3000 psig (body style 0)

P110-

Body Style:

0 2" NPT standard body; Ring bolted body on P110C →

Displacer Type:

1 316 SS standard float, WP 1500 psig, 0.4 SG minimum →

2 Polypropylene high pressure displacer, WP 5000 psig standard, 3000 psig on P110C, +180° F max temp, 0.6 SG min

3 Interface Polypropylene displacer, WP 5000 psig standard, 3000 psig max on P110C, +180° F max temp, upper fluid < .870 SG; lower fluid > .970 SG

4 Customer defined SG for upper and lower fluid interface

Other:

00 No other options →

02: Annulus plug

05: Customer Specific Requirements (see P110 Common Options)

Option (#): Assigned # for Customer Specific Requirements

0

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Example as Selected

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