

## P110 Series Snap Acting Pneumatic Level Control Switches

Application – High & Low Pressure Control; working 1500 psi to 5000 psi

- Pneumatic float-actuated switch for High or Low Level Alarms or Snap-Acting Valves
- Use on production separators, heaters/treaters, scrubbers, liquid accumulators & process vessels in most applications
- 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

- Durability and Dependability in every component
- Pneumatics are fully isolated for added Safety
- 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 P110

- Economical small-float installation
- Direct-acting or Indirect Acting achieved by simply inverting the level control
- Excellent Serviceability and Ease of Repair with Quick-change replacement parts

### Specifications

- 316 Stainless Steel Wetted Components
- 30 psi to 60 psi supply pressure; available 15 psi to 40 psi
- 2" NPT standard process connection
- 3" Flanged or larger available
- External cage optional

### 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

## P110 Series Snap Acting Pneumatic Level Control Switches

<b>Specifications:</b>	High & Low Pressure Control; working pressure 1500 psi to 5000 psi
Output:	Snap Acting from 0 to Full Supply
Working Pressure:	1500 psi; available up to 5000 psi
Supply Pressure:	30 psi minimum to 60 psi maximum; available 15 psi minimum to 40 psi maximum
Temperature:	-40° F to +450° F
Specific Gravity:	0.4 minimum
Materials:	316 Stainless Steel Wetted components; available in Monel, Teflon Coated, Hastelloy C, and Alloy 20
<b>Connections:</b>	
Process:	2" NPT standard, available 3" flanged or larger, available externally caged
Supply:	1/8" NPT
Output:	1/8" NPT

### Ordering Chart:

P110 Series: Pneumatic Level Control Switch	—————>	<b>Example:</b>	
P110C:	External cage added 1500 psi std. working pressure; Available to 3000 psi		<b>P110-</b>
Body Style:			<b>0</b>
0	Standard 2" NPT on P110; Ring bolt on P110C	—————>	
Type:			<b>1</b>
1	Standard	—————>	
2	High pressure 5000 psi polypropylene displacer, (3000 psi working pressure maximum on P110C), +180° F maximum temperature; specific gravity 0.6 min.		
3	Interface 5000 psi polypropylene displacer, (3000 psi working pressure maximum on P110C); +180° F maximum temperature, upper fluid less than .870 specific gravity; lower fluid more than .970 specific gravity		
4	Customer to specify other specific gravity as needed for fluid Interface, both upper and lower		
Other:			<b>02</b>
02:	Annulus plug	—————>	
05:	Customer Specified Requirements (such as flange size)		
Option ( ):	Assigned based upon Customer Specific requirements		
<b>Example as Selected</b>			<b>P110 - 01 - 02</b>