P111 Extended Body
Snap Acting Pneumatic Level Control

Application – High & Low Pressure Control; working 1500 psi to 2500 psi

- 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
- Extended body provides increased reach inside the vessel

Features and Benefits of the Pathway P111

- 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

Specifications

Output: Snap Acting from 0 to Full Supply
Working Pressure: 1500 psig; available up to 2500 psig
Supply Pressure: 30 psig to 60 psig; 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, available 3” flanged or larger
Supply/Output Connection: 1/8” NPT

P111 Common Options

- 316 SS and 304 SS flanged
- 15 psig to 40 psig or 50 psig to 100 psig supply pressure supply
- Monel float
- Stainless Steel vent

Benefits of ALL Pathway Control Products

- Personalized service and support expertise; Responsive, On-time Delivery
- Time-tested & proven design providing Dependable, Long-term service
P111: Pneumatic Level Control Switch with Extended Body

**Dimensions:**

![Diagram of P111 Extended Body]

**Ordering Chart:**

**Body Style:**
- 0: 2” NPT standard body
- 1: 316 SS standard float, WP 1500 psig, 0.4 SG min
- 2: Polypropylene high pressure displacer, WP 2500 psig standard; +180º F max temp; 0.6 SG min
- 3: Interface Polypropylene high pressure displacer, WP 2500 psig standard; +180º F max temp, upper fluid < .870 SG; lower fluid > .970 SG
- 4: Customer defined SG for upper and lower fluid Interface

**Type:**
- 1: 316 SS standard float, WP 1500 psig, 0.4 SG min
- 2: Polypropylene high pressure displacer, WP 2500 psig standard; +180º F max temp; 0.6 SG min
- 3: Interface Polypropylene high pressure displacer, WP 2500 psig standard; +180º 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
- 05: Customer Specified Requirements (see P111 common options)

**Option (#):**
- Assigned # for Customer Specific requirements

**Example as Selected**

P111 - 01 - 00