P120NF Series
Pneumatic Flow Indicator

Application – Flow Indicator; Working Pressure 5000 psig
- Pneumatic paddle operated device for indication of liquid flow or no flow in piping systems, accumulators and process vessels
- Provides a pneumatic output to operate control systems, alarms or other operations
- Stainless Steel construction for use with most Liquids or Liquid interfaces
- Snap Acting Non-Bleed from 0 to full supply
- Direct mounting inside a vessel or pipe

Features and Benefits of the Pathway P120NF
- 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
- Excellent Serviceability and Ease of Repair with Quick-change replacement parts
- Wide variety of Paddle Lengths to meet most applications

Specifications
- Output: Snap Acting, Non-Bleed from 0 to Full Supply
- Working Pressure: 5000 psig; 1500 psig with manual override
- Supply Pressure: 30 psig standard; 60 psig and 100 psig available
- Temperature: -40° F to +450° F
- Flow Indication: .75 ft/sec or less indicates no flow; 1.0 ft/sec or more indicates flow
- Materials: 316 Stainless Steel Wetted components; optional materials available
- Connections:
  - Process: 2” NPT standard, 1½” NPT and flanged units available
  - Supply & Output: 1/4” NPT

P120NF Common Options
- Variety of Paddle Lengths
- 1½” NPT process connection
- 316 SS and 304 SS flanged
- 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
**P120NF Series**

**Pneumatic Flow Indicator**

**Dimensions:**

![Diagram of P120NF Series](image)

**Ordering Chart:**

P120NF Series: Pneumatic Flow Indicator; WP 5000 psig standard

**Body Style:**

1  2" NPT standard body
2  1½" NPT

**Paddle Type:**

1  1½" standard paddle length
2  2" paddle length
3  3" paddle length
4  4" paddle length
6  6" paddle length
8  8" paddle length
0  10" paddle length
5  Customer specified paddle length

**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 P120NF common options)

**Option (#):**

- Assigned # for Customer Specific requirements

**Example as Selected**

P120 - 11 - 10