

PT101 Extended Body Throttling Pneumatic Level Control Switches

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

- Pneumatic float-actuated switch for High or Low Level Alarms and for Throttling 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
- Throttling output 3 – 15 psi with 20 psi supply
- Direct mounting inside vessel



Features of the PT101

- Durability and Dependability in every component
- Pneumatics are fully isolated for added Safety
- Standard 316 Stainless Steel wetted components for corrosion resistance
- Optional materials available for added corrosion resistance
- Choice of Displacers to meet various pressure applications
- No need for seals and No leakage of process fluid into the surrounding environment, all adding to Safety

Specific Benefits of the Pathway PT101

- Extended reach as compared to standard PT100 model
- 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

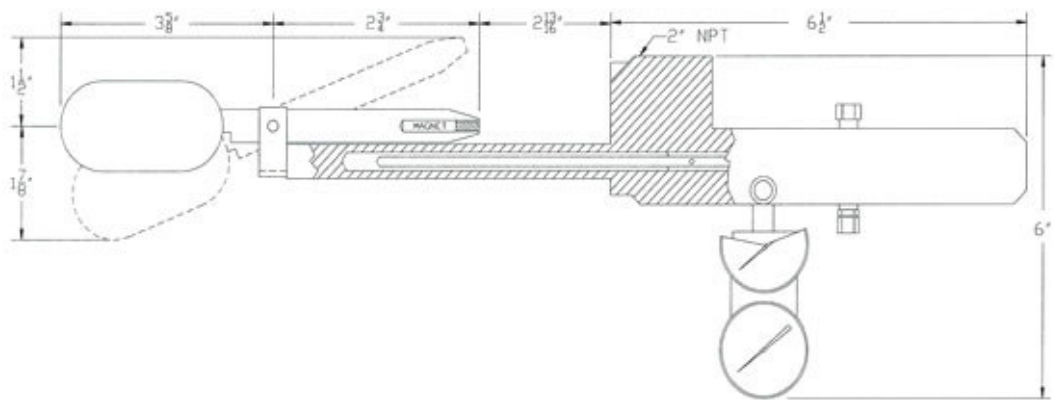
Output:	Throttling from 3 to 15 psi	Temperature:	-40° F to +450° F
Working Pressure:	1500 psi; available up to 2500 psi	Specific Gravity:	0.4 minimum
Supply Pressure:	20 psi minimum; 30 psi maximum		
Connections:			
Supply:	1/8" NPT	Output:	1/8" NPT
Process:	2" NPT standard, available 3" flanged or larger		
Materials:	316 Stainless Steel Wetted components; optional corrosion resistant materials		

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
- Quality built in
- Responsive, On-time delivery

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Dimensional Sketch:



Ordering Chart:

PT 101: Pneumatic Level Control Switch with Extended Body
Available to 2500 psi working pressure

Body Style:

0

Type:

1

2

3

4

Other:

02:

05:

Option ():

Standard 2" NPT on PT101

Standard

High pressure 2500 psi polypropylene displacer,
+180° F maximum temperature; specific gravity 0.6 min.

Interface 2500 psi polypropylene displacer;
+180° F maximum temperature, upper fluid less than .870
specific gravity; lower fluid more than .970 specific gravity

Customer to specify other specific gravity as needed for
fluid Interface, both upper and lower

Annulus plug

Customer Specified Requirements (such as flange size)

Assigned based upon Customer Specific requirements

Example:

PT101-

0

1

02

Example as Selected

PT101- 01- 02