

6100 Series

Electric Vapor Pressure or Head Pressure Switch

Application – Control Vapor Pressure or Liquid Level

- Electric pressure-actuated switch for controlling Vapor Pressure on a vessel or to provide Liquid Level Control
- Provides electric switch input for control systems, alarms or other operations
- Highly sensitive Pressure Switch is adjustable from 0" to 8" of water
- Liquid Static Head Switch is adjustable in a range from 2' to 30' of water
- Use on stock tanks or other vessels operating at atmospheric pressures
- Simple, Direct Mounting 2" NPT vessel connection



Features and Benefits of the Pathway 6100

- Rugged Heavy-duty construction for long service life and low maintenance
- Durable Switch Enclosure for electrical components
- Sensitive diaphragm provides accurate control over full range of device
- No floats or moving parts protruding inside the vessel
- Ease of installation with standard 2" NPT connection to the tank or vessel
- Three switches independently adjustable over the full control range
- Field adjustable trip points

Specifications

Working Pressure:	Atmospheric
Vapor Pressure Range	Switch range from 0" to 8" of water
Static Head Pressure Range	Head Pressure Switch range from 2' to 30' of water
Temperature:	-20° F to +180° F
Switch Rating:	
Vapor Pressure	SPST, Mercury, 1 amp at 115 V AC, .5 amp at 220 V AC
Static Head Pressure	SPST, Mercury, 6 amp at 115 V AC, 3 amp at 220 V AC
Materials:	Cast iron body; aluminum stem (6100-1), stainless steel stem (6100-2); stainless steel switch rod; nylon reinforced nitrile diaphragm
Process Connections:	2" NPT standard
Electrical Connections:	½" NPT conduit standard

6100 Common Options

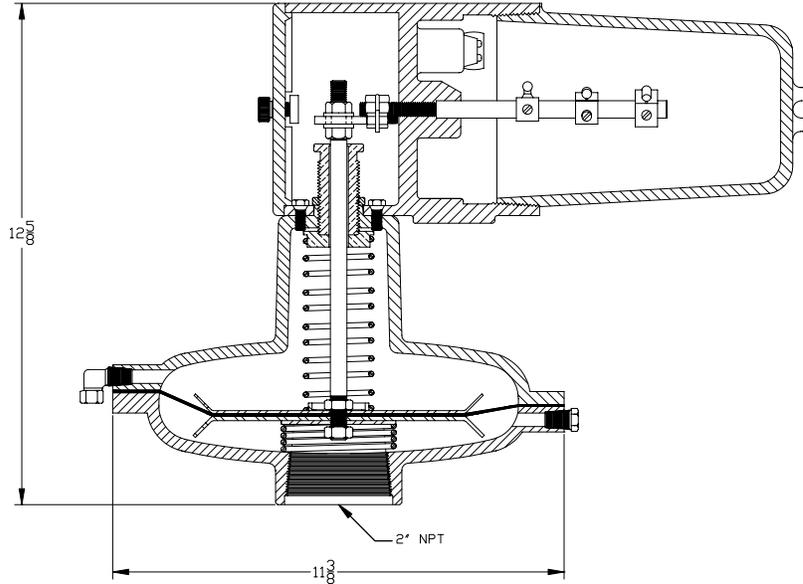
- Up to three additional switches for increased control points
- Light spring for more sensitive response to 15' liquid level

Benefits of ALL Pathway Control Products

- Personalized service and support expertise; Responsive, On-time Delivery
- Time-tested & Proven design provides Dependable, Long-term Service

6100 Series Electric Vapor Pressure or Head Pressure Switch

Dimensions:



Ordering Chart:

6100 Series: Electric Vapor Pressure or Head Pressure Switch

Example:

6100-

Type:

- 1 Vapor Pressure Switch
- 2 Static Head Pressure Switch

Other:

- 01 No other options selected
 - 05 Customer Specified Requirements (see 6100 common options)
- Other Options (#) Assigned # for Customer Specific requirements

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Example as Selected

6100 - 1 - 01