

## FIXED SET POINTS, 1/2" NPT, BRASS & SST



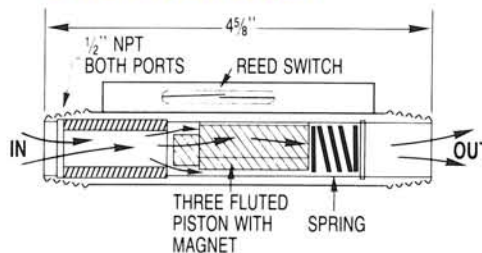
### Applications:

- "Thomas Tube" designed for straight in line flow detection.
- Industry Standard Since 1986.
- .5 GPM to 3.0 GPM in brass or stainless steel
- U.L. No. E86797

### Notes: Model 2000

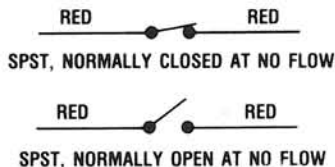
1. Standard flow calibration is in water @ 70°F with lead wires in horizontal position. Calibrated on decreasing flow.
2. Set point accuracy will change slightly in other than calibrated position.
3. Also available: Leads in different lengths, cable, terminated ends, etc. Consult factory.
4. High temperature units available to 400°F. Consult factory.
5. Standard flow settings are calibrated in water. Other set points in water or oil are available. Consult factory.
6. Other wetted materials: Hysol epoxy.
7. All SST piston for either brass or SST housings, eliminate hysol epoxy is available. Consult factory.
8. Relays for higher loads are available. See accessories section for details (Page 28)
9. Calibration: Flow stands are calibrated to the National Bureau of Standards and Thomas Products Ltd. recalibration schedule.

### Dimensional Data:



### Electrical:

Reed switch shown in NO FLOW condition.



### Specifications:

Housing	Piston	Spring	Reed Switch	Wire	Oper. Temp. <i>See Note 4</i>	Oper. Pres.	Set Pt. Accur.	Set Pt. Diff.
Brass <i>See Note 6</i>	316 SST	316 SST	50 Watt SPST <i>See Note 8</i>	18 AWG 24" Lg. Polymeric <i>See Note 3</i>	-20°F to +250°F	1500 PSIG MAX.	±20% MAX. <i>See Note 9</i>	20% MAX.
316 SST <i>See Notes 6,7</i>					-20°F to +300°F			

### Switch Ratings... Max Resistive Load

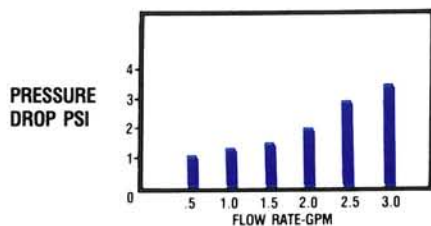
V.A.	VOLTS	AMPS DC	AMPS AC	AMPS AC MAX
50	0-50	1.0	1.0	0.5
	120	.4	.4	
	240	.2	.2	

Switch Rating 50 VA: 120-240 VAC Pilot Duty

### Part No.

SIZE NPT	FLOW SETTING GPM <i>See Notes 1,2,5</i>	APPX. ΔP AT 10 GPM-PSIG	P/N BRASS N.O. SPST SWITCH	P/N BRASS N.C. SPST SWITCH	P/N 316 SST N.O. SPST SWITCH	P/N 316 SST N.C. SPST SWITCH
1/2"	.50	25	12666	12676	12723	12733
	1.0	25	12667	12677	12724	12734
	1.5	20	12668	12678	12725	12735
	2.0	20	12669	12679	12726	12736
	2.5	15	12670	12680	12727	12737
	3.0	15	12671	12681	12728	12738

### Pressure Drop Δp:



### Specialty Options:

Model 2000 Brass Flow Switch with cable.

Model 2600 for units with straight thru flow and pipe sizes to 3" NPT.

