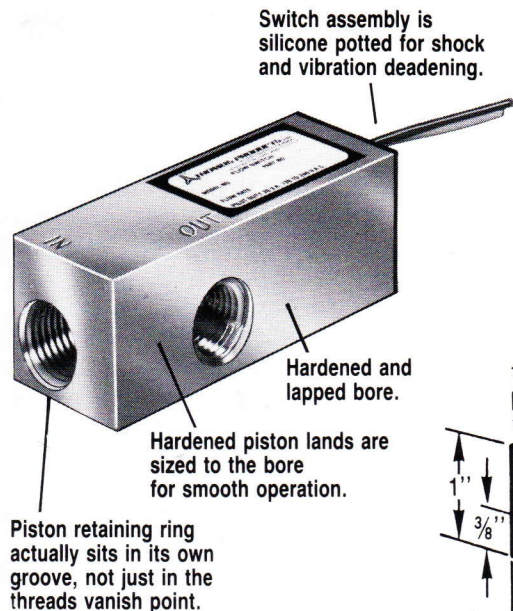


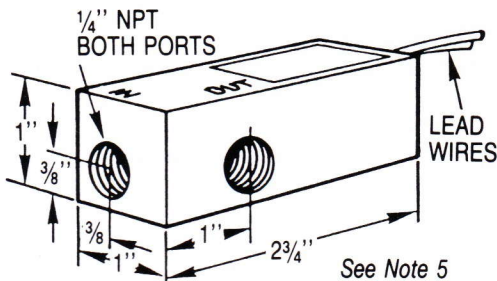
FIXED SET POINTS, 1/4" NPT, BRASS & SST



Applications

- The "mini" small and accurate in line flow switch detects low or high flow rates.
- Fixed actuations from .1 GPM to 1.5 GPM
- UL File No. E86797

Dimensional Data:



Part No.

SIZE NPT	FLOW SETTING GPM <i>See Notes 1,2,3,9</i>	P/N BRASS N.O. SPST SWITCH	P/N BRASS N.C. SPST SWITCH	P/N BRASS SPDT SWITCH	P/N 316 SST SPDT SWITCH
1/4"	.1	18321	18327	18350	18360
	.25	18322	18328	18351	18361
	.5	18323	18329	18352	18362
	.75	18324	18330	18353	18363
	1	18325	18331	18354	18364
	1.5	18326	18332	18355	18365

Notes: Model 1900

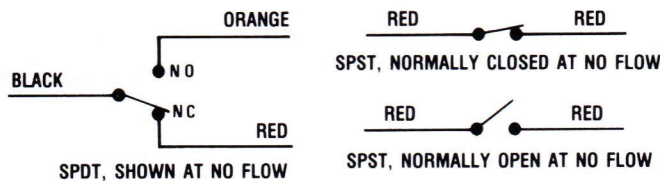
1. Standard flow calibration is in water @ 70°F with lead wires up. Calibrated on increasing flow.
2. Temperature effect on flow settings: water calibration, slight change; oil varies with viscosity.
3. Set point accuracy will change slightly in other than calibrated position.
4. Optional aluminum housings with SST trim are stocked. Consult factory.
5. Optional mounting holes available. Consult factory.
6. Also available: leads in different lengths, cable, terminated ends, etc. Consult factory.
7. Relays for higher loads are available. See accessories section for details (See Page 28)
8. High temperature units available to 400°F. Consult factory.
9. Standard flow settings are calibrated in water. Other set points in water or oil are available. Consult factory.
10. Other wetted materials: Hysol Epoxy
11. All SST piston for either brass or SST housing, eliminating hysol epoxy. Consult factory.
12. Calibration: Flow stands are calibrated to the National Bureau of Standards and Thomas Products Ltd. recalibration schedule.

Specifications:

Housing	Piston	Spring	Reed Switch	Wire	Oper. Temp. <i>See Note 8</i>	Oper. Pres.	Proof Load	Burst Strength	Set Pt. Accur.	Set Pt. Diff.	Repeat-ability
Brass <i>See Note 10</i>	316 SST	316 SST	20 Watt SPST or SPDT <i>See Note 7</i>	18 AWG 24" Lg. Polymeric <i>See Note 6</i>	-20°F to +250°F	1000 PSIG	2000 PSIG	4000 PSIG	± 10% MAX. <i>See Note 12</i>	± 15% MAX.	1% Max. Deviation
316 SST <i>See Notes 10, 11</i>					-20°F to +300°F						

Electrical:

Reed switch shown in NO FLOW condition.

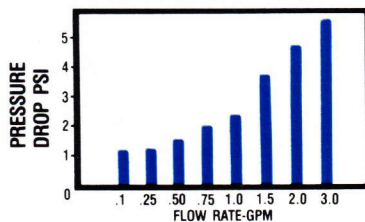


Switch Ratings... Max Resistive Load

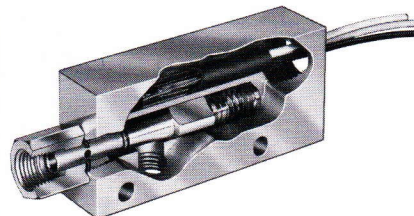
V.A.	VOLTS	AMPS DC	AMPS AC	AMPS AC MAX
20	0-50	.4	.4	1.0
	120	.15	.16	
	240	.06	.08	

Switch Rating 20 VA: 120-240 VAC Pilot Duty

Pressure Drop Δp:



Specialty Options:



See Model 1700 for set points from 2 cc/min. to 300 cc/min.