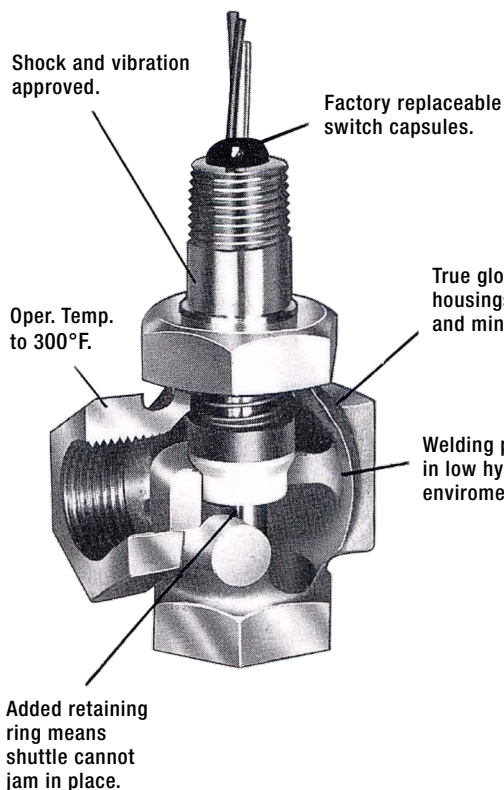


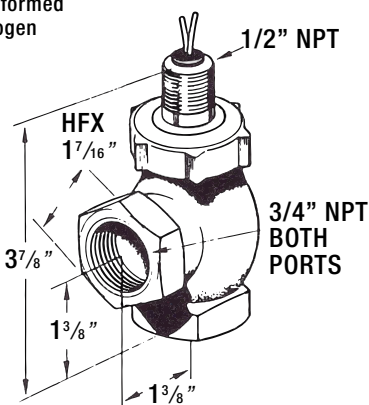
FIXED SET POINTS, 3/4" NPT, BRONZE



Applications:

- Coolant Systems
- HVAC Equipment
- Machine Tool Industry

Dimensional Data:



Notes: Model 1300

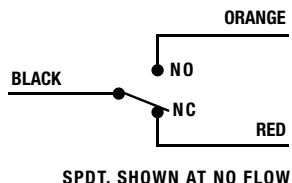
1. Standard flow calibration is in water @ 70°F. Calibrated on increasing flow.
2. Temperature effect on flow settings: water calibration, slight change; oil varies with viscosity.
3. Optional 100W SPST reed switches are stocked. Consult factory.
4. Relays for higher loads, junction boxes, terminal strips, etc. are available. See accessories section for details (See Page 28)
5. Optional cables available. Consult factory.
6. Other wetted materials: ceramic ring magnet.
7. Optional SST identification tags attached to unit. Consult factory.
8. Optional port sizes: BSPT, SAE, silver braze, socket weld, etc. Consult factory.
9. High temperature units available to 400°F. Consult factory.
10. Standard flow settings are calibrated in water. Other set points in water or oil are available. Consult factory.
11. Calibration: Flow stands are calibrated to the National Bureau of Standards and Thomas Products Ltd. recalibration schedule.

Specifications:

Housing	Shuttle	Spring	"O" Ring	Reed Switch	Wire	Oper. Temp.	Oper. Pres.	Proof Load	Brust Strenght	Set Pt. Accur.	Set. Pt. Diff.	Repeat-ability
Bronze	Teflon <i>See Note 6</i>	316 SST	Viton "A"	20 Watt SPDT <i>See Note 3,4</i>	18 AWG 24" Lg Polymeric <i>See Note 5</i>	-20°F to +300°F <i>See Note 9</i>	400 PSI @ 100°F	800 PSI @ 100°F	1200 PSI @ 100°F	±10% MAX. <i>See Note 11</i>	±10%	1% Max. Deviation

Electrical:

Reed switch shown in NO FLOW condition.



Part No.

SIZE NPT	FLOW SETTING GPM <i>See Note 1, 2, 10</i>	P/N
3/4" <i>See Note 8</i>	.75	18300
	1.5	18301
	2	18302
	2.5	18303
	5	18304
	7.5	13305
	10	18306

Switch Ratings...

Max Resistive Load

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

Switch Rating 20 VA: 120-240 VAC Pilot Duty
UL File E86797

Pressure Drop Δp :

