

2100 & 2200

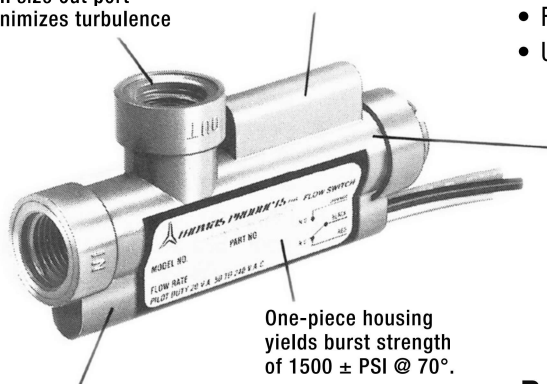
Please turn to our *Company Profile* and *Level Switch Selection Guide* to learn more of the advantages in specifying *Thomas Products Ltd.* sensors.

FIXED SET POINTS, 9/16" - 18" UNF-2B, PLASTIC

Model 2200

Full size out port minimizes turbulence

Exterior mounted alnico magnet returns the piston eliminating return spring.

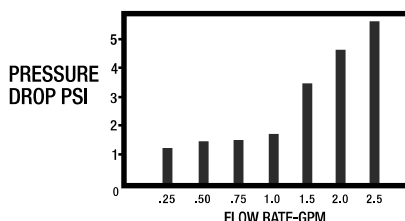


Large, full size reed switch silicone potted for shock and vibration deadening.

Applications:

- Similar to 2100. Ideally suited where no metal parts can come in contact with the liquid.
- FDA Approved Polysulfone.
- UL File No. E 86797

Pressure Drop Δp :



Notes: Model 2100/2200

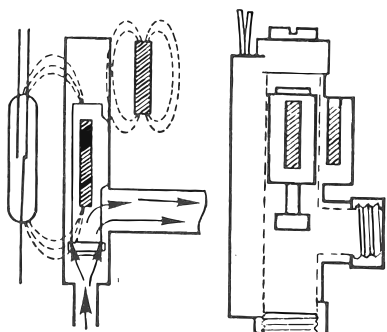
1. Standard flow calibration is in water @ 70°F with lead wires up. Calibrated on increasing flow.
2. Model 2100 set point accuracy will change slightly in other than calibrated position.
3. Model 2200 must be installed with lead wires up.
4. Polysulfone is a FDA approved material.
5. Lead wires are available in different lengths, terminated ends, cables, etc. Consult factory.
6. Relays are available for handling higher loads. See accessories section for details. (See Page 28)
7. Actual housing burst strength of 1500 PSI ± @ 70°F.
8. Standard flow settings are calibrated in water as low as 2 cc/min. Other set points in water are available. Consult factory.
9. Calibration: Flow stands are calibrated to the National Bureau of Standards and Thomas Products Ltd. recalibration schedule.

Specifications:

Housing	Piston	Spring	"O" Ring	Reed Switch	Wire	Oper. Temp.	Oper. Pres.	Set Pt. Accur.	Set Pt. Diff.
Polysulfone	Polysulfone	None	Viton "A"	20 Watt SPDT <i>See Note 6</i>	18 AWG 24" Lg. Polymeric <i>See Note 5</i>	-20°F to +225°F	250 PSIG @ 70°F Max. <i>See Note 7</i>	± 20%	25% MAX.

SPRINGLESS DESIGN:

Using a second magnet Model 2200 eliminates the need for a return spring. Model 2200 must be installed with lead wires up.



Part No.

SIZE PORT	FLOW SETTING GPM <i>See Note 1, 3, 9</i>	P/N SPDT SWITCH
9/16" - 18"	.1	12713
	.25	12714
	.5	12715
	.75	12716

Adapter fittings to convert the 9/16-18 UNF -2B threaded port to 1/8" NPT, 1/4" NPT or 1/2" barbed to accept 1/2" I.D. flexible hose. All fittings are made of polysulfone and are supplied with viton "A" "O" ring seals assembled in place.

ACCESSORY FITTINGS FOR MODEL 2100 and 2200

ADAPTER SIZE	P/N	'O' RING & FITTING DIMENSIONAL DATA
1/8" NPT	12720	9/16" - 18 UNF - 2A TYP. 5/8" Dia.
1/4" NPT	12721	1" Dia.
1/2" BARB ACCEPTS 1/2" I.D. FLEXIBLE HOSE	12722	1/2" Dia.

Electrical & Switch Ratings:

See previous page