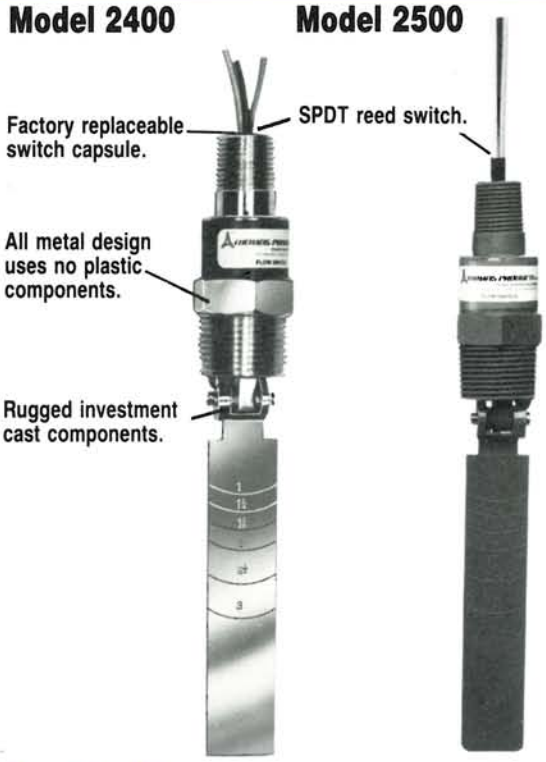
2400/2500

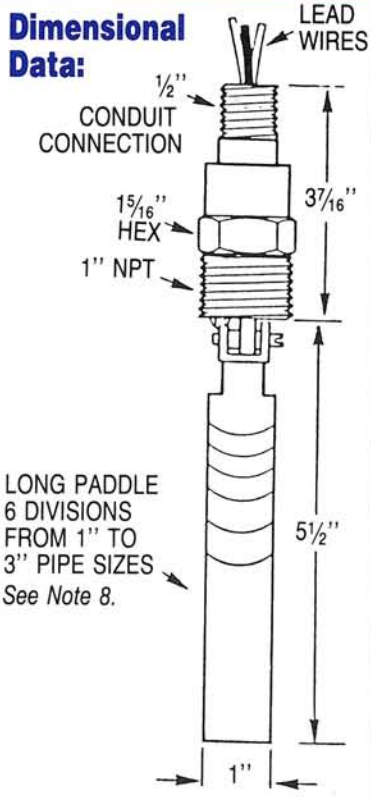
Please turn to our ***Company Profile*** and ***Level Switch Selection Guide*** to learn more of the advantages in specifying ***Thomas Products Ltd.®*** sensors.

ADJUSTABLE PADDLE TYPE, BRASS, SST, PLASTIC

Model 2400 / Model 2500



Dimensional Data:



Notes: Model 2400/2500

1. Flow tests were performed in water with unit installed into standard reducing tee.
2. Set point accuracy depends on paddle cut-off length.
3. Unit installs into a 1" reducing tee or weld-o-let etc. for 1" pipe sizes and up.
4. Install vertically as shown, lead wires up.
5. Higher temperature units available up to 450° F. Consult factory.
6. Relays for higher loads, junction boxes, terminal strips, etc. are available. See accessories section for details *(See Page 28)*
7. To adjust flow set point, simply cut paddle for the appropriate set point listed. See also installlation/maintenance sheet.
8. For pipe sizes larger than 3", actuation of the 5" paddle is a velocity of approximately .5 ft./sec.
9. Also available: leads in different lengths, cable, terminated ends, etc. Consult factory.
10. Optional 100W SPST reed switches are stocked. Consult factory.

Specifications:

Model	Housing	Paddle	Shuttle	Spring	Reed Switch	Wire	Oper. Temp.	Oper. Pres. Max.	Set Pt. Accur.	Repeat-ability	Pressure Drop
2400	Brass or 316 SST	316 SST	316 SST	316 SST	20 Watt SPDT	18 AWG 24" Lg. Polymeric	-30°F to +300°F *See Note 5*	850 PSIG	±25% MAX. *See Note 2*	±5%	3 PSIG MAX.
2500	Poly-sulfone	Poly-sulfone	Poly-sulfone		*See Notes 6, 10*	*See Note 9*	-20° to +225°F	150 PSIG			

Part No.

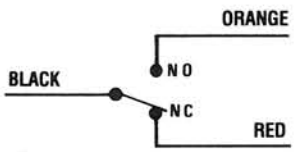
MODEL NO.	P/N BRASS	P/N 316 SST	P/N POLYSULFONE
2400	19650	19651	
2500			19652

Actuation-Deactuation in GPM/Water *See Notes 1-4, 7, 8*

Paddle Cut-Off	PIPE LINE SIZES											
	1"		1¼"		1½"		2"		2½"		3"	
	ACT	DA	ACT	DA	ACT	DA	ACT	DA	ACT	DA	ACT	DA
1"	6	4	9	7	13	9						
1¼"			7	5	9	7	16	13				
1½"					13	9	23	16	34	30		
2"							17	12	24	20	26	22
2½"									18	15	22	19
3"											17	14

Electrical:

Reed switch shown in NO FLOW condition.



SPDT, SHOWN AT NO FLOW

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

THOMAS PRODUCTS LTD.
LEVEL & FLOW SWITCHES

EASY ORDERING
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