



**THERMAL INSTRUMENTS, INC.**

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## SW100 Application Data Sheet

Rev. 2/1/2001 (SW100 ADS 3)

### Order Information:

- Fox Sales Order Number: \_\_\_\_\_
- Customer or Rep Purchase Order Number: \_\_\_\_\_
- Customer Name: \_\_\_\_\_
- Rep Company: \_\_\_\_\_ Completed by: \_\_\_\_\_

### Application Information: (Check item or fill in the data as applicable)

- Flow Switch \_\_\_ or Liquid Level Switch \_\_\_
- Name of Fluid: \_\_\_\_\_
- Minimum temperature is above 0° F/-18°C \_\_\_ or if < 0° F/-18°C enter lowest temperature \_\_\_\_\_
- Maximum temperature is below 200° F/93°C \_\_\_ or if > 200° F/93°C enter maximum temp \_\_\_\_\_
- Maximum pressure is < 500 psig/35 barg \_\_\_ or if > 500 psig/35 barg enter maximum pressure \_\_\_\_\_
- Input power: 24 VDC \_\_\_ or 115 VAC \_\_\_ or 230 VAC \_\_\_
- Extended probe length (if applicable, extra charge feature): \_\_\_\_\_

### Complete the following for Flow Switch Applications: (Check the box or fill in the data as applicable)

- Gas \_\_\_ Liquid \_\_\_ Slurry \_\_\_
- Pipe Size: \_\_\_\_\_
- Pipe Schedule: \_\_\_\_\_
- Switch point flow rate: Zero or near zero \_\_\_ or enter flow rate \_\_\_\_\_
- The pipe is always full \_\_\_ or if not please explain in the Notes section below.
- Switch point to be set by: Customer \_\_\_ or Fox (extra charge feature, contact Fox\*) \_\_\_  
\*Note: Fox can only provide switch point set-up on a limited number of fluids; contact Fox before quoting.
- Relay to: energize \_\_\_ or de-energize \_\_\_ -- when flow drops below \_\_\_ or increases above \_\_\_ the switch point flow rate. Factory standard is “energize” -- “when flow drops below”.
- Flow velocity at switch point within spec \_\_\_ (Spec = Liquid: 0.015 to 3.0 Feet Per Second (FPS) / 0.005 to 0.9 Meters Per Second (MPS); Gas: 1 to 100 SFPS / 0.3 TO 30 NMPS)

### Notes: