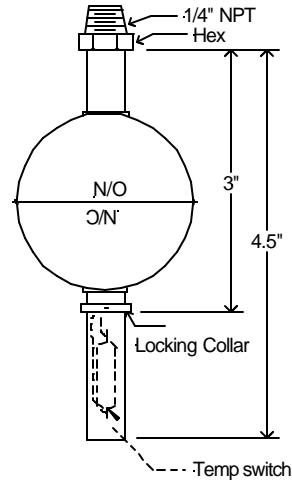


Temperature plus Single Point Level Switch (TLI)

Brass / Buna model shown – Stainless model available on request

- Two indicators in one using one installation
- Temperature control can control or shut down expensive or signal process systems when temperature parameters are exceeded
- Level indication will signal high or low level
- Either switch can be normally open or closed
- The temperature switch is located in the probe bottom.
- The probe is shown in it's basic form but can be modified to meet customer demands
- Standard units are available from 0 to 115 deg. C in five-degree increments.



The level portion works by a magnet-equipped float passing over a reed switch. The float position can either closed or open depending on the mode. The temperature switch is very unique. An encapsulated reed / magnet assembly makes up the switch. The magnet is factory set to change its magnetic lines of flux as the temperature increases. When the preset temperature is reached – the lines of force are sufficient to activate the sensor.

Part Number: TLI – (XXX) - B - A
 - Temperature setting Form - Float State

e.g. TLI – 55 – B – A - Switch set a 55 deg. C N/C – float is normally open dry - close on rise

Reed State **N/C = B** close on fall **N/O = A** open on fall
Temperature State **N/C = B** **N/O = A**

| | |
|-----------------------------------|---|
| Temperature Contact Rating | 10 W max. 12 V.A. |
| Temperature Voltage | 100 VDC 120 VAC |
| Temperature Current | 0.5 amps resistive make. Carry 1 |
| Open temperature | 5 deg. Increments |
| Tolerance | + / - 5 deg. C |
| Reset Differential | 10 deg. C |
| Reed Switch Contact Rating | 250 VAC/Dc @ 0.5A resistive carry 2 |
| Pressure | 200 psi |
| Specific Gravity | 0.50 Buna |
| Process Connection | 1/4" NPT |
| Lead Length | 24" both - standard – request long option |