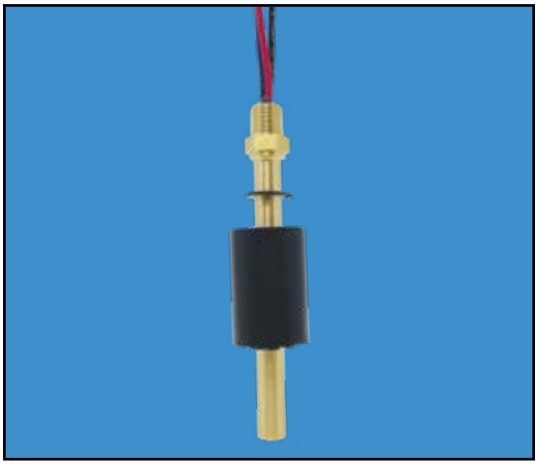
LTS



DESCRIPTION

The LTS is a level and temperature switch used to indicate the state of the liquid level and temperature in a tank. It features a single-point level switch for easy operation, with a temperature sensor at the bottom of the stem.

FEATURES

- Integrated level and temperature switch
- Easy to install
- Compact body
- Suitable for water, hydraulic oil, mineral oil

APPLICATIONS

- Water tanks
- Hydraulic units
- Level monitoring

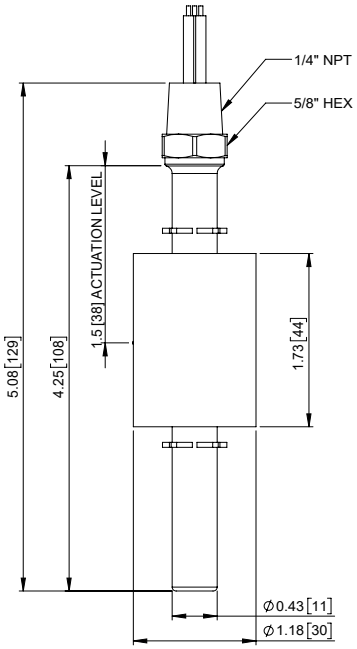
Specifications

Electrical	Level	1A, 20W, 20 VA, 150 VDC/VAC
	Thermostat	3A Resistive - 120/240 VAC
		2.5A Inductive - 120/240 VAC
		3A Resistive - 12/24 VDC
		2A Inductive - 12/24 VDC
Operating Temperature Range	-40°F to 220°F (-40°C to 150°C)	
Temperature Differential	Approximately <4% of Setpoint	
Switch Type	Level: Reed Switch, SPST Thermostat: Bimetal Creep Action	
Electrical Termination	24" Flying Lead, 18 AWG	
Protection	IP65	
Mounting Thread	1/4" NPT Male	
Mounting	Vertical	
Stem Material	Brass	
Float	Buna	
Wrench Flats	5/8"	
Thermostat Set Points	120°F to 170°F (49°C to 77°C)	
Maximum Pressure	140 PSI (9.6 BAR)	
Weight	0.22 lbs (0.1kg)	

Wiring Code

COMMON	BLACK
TEMPERATURE	BLUE
LEVEL	RED

Dimensions



Note:

To change the float configuration from Normally Open to Normally Closed. Remove the bottom stop and invert the float.

Please reference installation guide

LTS

ANFIELD SENSORS INC.

Ordering Information

Example LTS - 1: 4M - 2: AB - 3: FL - 4: A108 - 5: 140NC

1 - Thread:

4M - 1/4" NPT male

2 - Float Configuration:

AB - Normally Open (standard)
Note: Configuration is reference to the absence of fluid

3 - Electrical Configuration:

FL - 24" long lead, 18 AWG

4 - Probe Length:

A108 - 4.25" (108 mm)

5 - Temperature (Farenheit)

120NC - 120°F , Normally Closed
120NO - 120°F , Normally Open
140NC - 140°F , Normally Closed
140NO - 140°F , Normally Open
160NC - 160°F , Normally Closed
160NO - 160°F , Normally Open
170NC - 170°F , Normally Closed
170NO - 170°F , Normally Open

*Custom options available. Please consult factory for details