



# Submittal Data Information

101-081

## Low Water Cutoff

Effective: October 1, 2008

Supersedes: December 1, 2007

Job: \_\_\_\_\_ Engineer: \_\_\_\_\_ Contractor: \_\_\_\_\_ Rep: \_\_\_\_\_

ITEM NO.	MODEL NO.	

### Listings/Approvals

UL GUIDE (MBPR) for Limit Controls per UL Standard 353 Limit Controls  
 UL GUIDE (MBPR7) Controls, Limit Certified for Canada CSA Standard C22.2  
 UL GUIDE (MCUR2) for Electrode Assemblies – Component (remote probes)  
 FM Approved (LF only)  
 Fully compliant with CSD-1 requirements

### Material of Construction

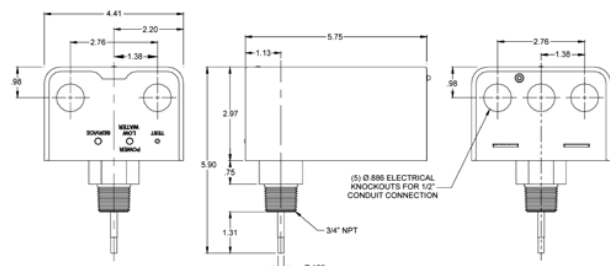
LTA-2 and LF Control Unit: NEMA Type 1 (For indoor use only). Formed sheet metal with powder coat/plated finish enclosure, knock-outs for 1/2" conduit fittings.  
 LTR Unit: UL 94 V0 rated engineered plastic enclosure  
 Remote Probe: NEMA Type 4. Drawn sheet metal with powder coat/plated finish enclosure. Opening for 1/2" conduit fitting.  
 All models are not for use in hazardous locations

### Performance Data

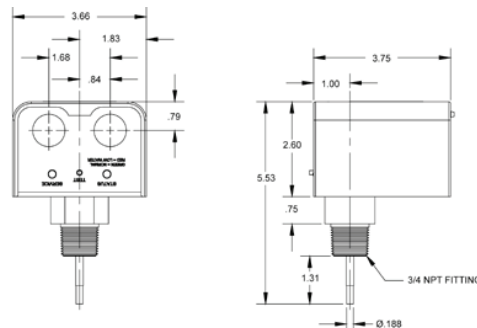
Category	LF Model	LTA-2 Model	LTR Model
Maximum Pressures Steam	250 psi (17.6 kg/cm <sup>2</sup> )	NA	N/A
Maximum Pressures Hot Water	250 psi (17.6 kg/cm <sup>2</sup> ) @250°F (121°C)	250 psi (17.6 kg/cm <sup>2</sup> ) @250°F (121°C)	160 psi (11.2 kg/cm <sup>2</sup> ) @ 250°F (121°C)
Maximum Ambient Temp.	150°F (66°C)	150°F (66°C)	120°F (49°C)
Delays	Automatic	N/A	N/A
Probe Sensitivity	20K Ohms, extended operation to 40K Ohms	20K Ohms, extended operation to 40K Ohms	20K Ohms, extended operation to 40K Ohms
Control Power Consumption	3VA @ 120VAC, 3VA @ 24VAC	2.8VA @ 120VAC, 2.8VA @ 24VAC	1.5VA @ 24VAC
Input Supply Voltage	120VAC, 24VAC*	120VAC, 24VAC*	24VAC*

\*24VAC supplied by a Class 2 power source

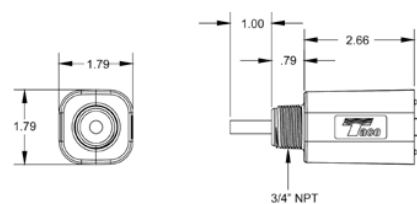
### Model LF Dimensions



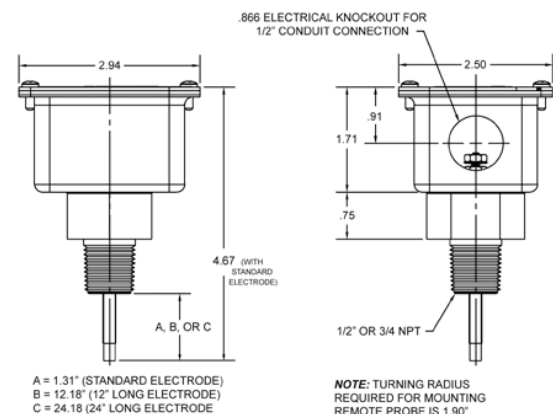
### Model LTA-2 Dimensions



### Model LTR Dimensions



### Remote Probe Dimensions



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