



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

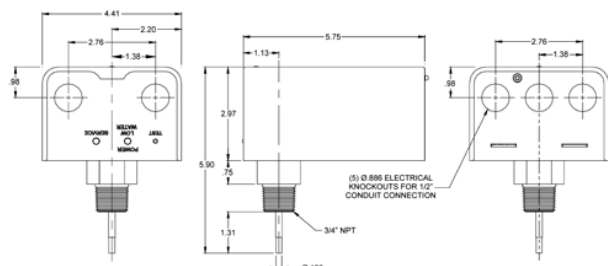
LTA-2 and LF Control Unit: NEMA Type 1 (For indoor use only). Formed sheet metal with powder coat/plated finish enclosure, knock-outs for 1/2" conduit fittings.
 LTR Unit: UL 94 V0 rated engineered plastic enclosure
 Remote Probe: NEMA Type 4. Drawn sheet metal with powder coat/plated finish enclosure.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

Performance Data

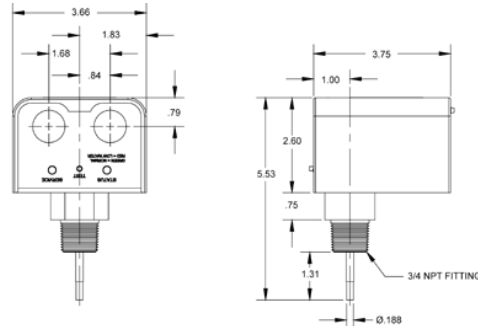
| Category | LF Model | LTA-2 Model | LTR Model |
|-----------------------------|--|--|--|
| Maximum Pressures Steam | 250 psi (17.6 kg/cm ²) | NA | N/A |
| Maximum Pressures Hot Water | 250 psi (17.6 kg/cm ²) @ 250°F (121°C) | 250 psi (17.6 kg/cm ²) @ 250°F (121°C) | 160 psi (11.2 kg/cm ²) @ 250°F (121°C) |
| 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

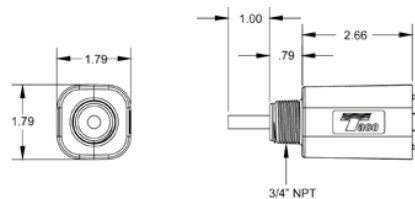
Model LF Dimensions



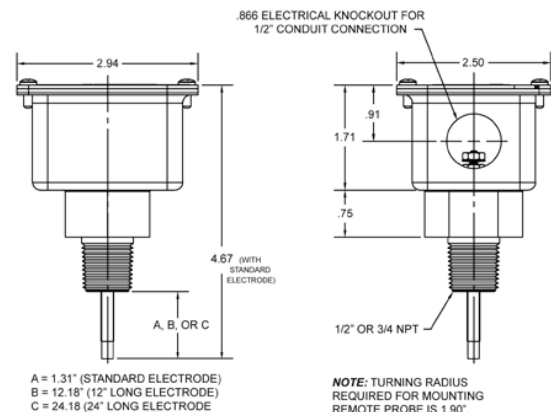
Model LTA-2 Dimensions



Model LTR Dimensions



Remote Probe Dimensions



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