



(CMDR-LLM) COMMANDER LIQUID LEVEL MONITOR

CMDR-LLM

The Smart Controller ~ Multi-Function Controller

One systems for the entire facility monitoring and controlling your complete fueling systems.

LLM (Liquid Level Monitor system monitors tank levels and supplies pump controls for automatic fuel transfers for applications requiring day tanks and institutional boilers. The Smart Controls intelligently integrates the components of the fueling system in to one simple automated package. Superior quality components insure years of trouble free service. It's a turn-key system that providing one call for service and support for the entire system if required. We are the leader in the industry in mission critical and non-mission critical automated fueling systems.

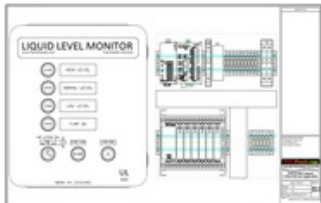
The LLM is used for one of the following applications:

- Main Tank Level Monitor
- Day Tank Automatic Fill and Return Pump System
- Boiler Feed Controls
- Duplex Pump Controller
- Leak Detection System



The Main Storage Tank, Monitors up to 1 Main Tank:

- Product Level Monitored by Floats.
- High Level Alarm Status.
- Normal Product Level.
- Low Level Alarm Status.
- Interstitial (Double Wall) Leak Sensor Status.
- Piping Sump Sensor.
- Anti-siphon Supply Valve



Day Tanks, Monitors up to; 1 Day Tank:

- Product Level Monitored by Floats.
- High Level Alarm Status.
- Normal Product Level.
- Low Level Alarm Status.
- Interstitial (Double Wall) Leak Sensor Status.
- Piping Sump Sensor.
- Day Tank Supply Control Fill Valve

The Boilers, Communicated up to 4 Boilers:



- Anti-siphon Supply Valve
- Piping Sump Leak Sensor.

The Pump(s):

- Supplies Output Signal for Lead / Lag Supply Pumps (option).
- Supplies Output Signal for Day / Belly Tank Return Pumps.\ (option).
- Keyed Override Switch (Direct to Pump Output)
- Pump Run Status.

Additional Expectations:

- Point to Point Wiring Diagrams.
- Component Drawing Sold with The System.
- Custom Modifications and Configurations Extra Fees).
- Flow Schematic Details; (Extra Fees).
- Conduit and Piping Details; (Extra Fees).
- Main and Day Tank Drawing Piping and Layout Details; (Extra Fees).
- Site Drawings; (Extra Fees).

This is a List of Example Equipment to Oder Along with The LLM System. All Components Are Sold Separately and This List is Not Limited to:

Commander Options:

- CMDR-LLM-0P, No Pump Output Package.
- CMDR-LLM-1P, One Pump Output Package.
- CMDR-LLM-2P, Two Pump Output Package (One Supply and One Return Pump).

Main Tank Options:

- FOC-MT-ASV, Main Tank Anti-Siphon Supply Valve Assembly.
- LLM-MT-LVL-PKG, Main Tank Leak and Level Package.

Day Tank Options:

- LLM-DT-LVL-PKG, Main Tank Leak and Level Package.
- FOC-CV, Day Tank Supply Valve Assembly.



Boiler Options:

- FOC-BOILER, Visual Flow Indicator, Strainer and Isolation Ball Valve.

Specifications:

- Power requirements: Power input: 115VAC 1 phase (others available).
- Enclosure: NEMA 4x, IP66 (suitable for outdoor and high corrosion areas).
- Stainless Steel NEMA 4x (optional)
- UL508A listed and meets NEC (NPFA70) and NFPA 30 37 requirements. Suitable for class 2, division 2, groups B, C, D.

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[More Information](#)