

KEP One Minute Training LEVELTROL-II SERIES

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What Is It?

The LEVELtrol II Flow Computer satisfies the instrument requirements for a variety of level sensor types in liquid applications. Multiple tank geometries, fluid equations and instrument functions are available in a single unit with many advanced features.

The alphanumeric display shows measured and calculated parameters in easy to understand format. Single key direct access to measurements and display scrolling are supported.

The versatility of the LEVELtrol II permits a wide measure of versatility within the instrument package. The various hardware inputs and outputs can be "soft" assigned to meet a variety of common application needs. The user "soft selects" the usage of each input/output while configuring the instrument..

The isolated analog output can be chosen to follow level, tank volume, corrected tank volume, tank mass, temperature, or density by means of a menu selection. Most hardware features are assignable by this method.

The user can assign the standard RS-232 Serial Port for data logging, transaction printing, or for connection to a modem for remote meter reading.

A Service or Test mode is provided to assist the user during start-up system check out by monitoring inputs and exercising outputs and printing system setup.

The LEVELtrol-II is equipped with a battery backed 12 or 24 hour real time clock with display of time and date.

We offer operating voltages of 110 / 220 VAC 50/60 Hz. or 12 / 24 VDC.

Where Is It Used?

The LEVELtrol-II can be used in any Level, totalizing or batching application where there is an analog signal available.

Tank Monitoring:

A customer of KEP's installs monitoring systems for various Tank Farms. The analog Flow Meter sends out a 4-20mA output to the LT-II . The unit then takes a separate analog input for Temperature or Density to calculate for Corrected Tank Volume or Mass Tank Volume. The customer can then receive this information either by RS-232 or the analog output.

Level Applications:

During process, 4 variables are often monitored: Total Gallons in the Tank, Temperature, Time and Date of the measurements. These variables can be transmitted via an optional RS-232 communications port to a computer or through the optional MPP-2400 port powered modem.



Typical Applications:

Tank Mixing

Level Control

Batching by Level

Remote Metering