

Expanding Preset Solutions

Demonstrating Technology Leadership

As an Emerson Process Management division and the leading supplier of flow computers, RTUs, and presets, Remote Automation Solutions is the single-source provider for your SCADA field equipment and automation system needs.

Outstanding Reliability, Accuracy, and Value

Emerson has provided preset controllers to load trucks and rail cars in loading terminals for over 15 Years and we continually improve our products to bring you the highest level of performance and value.

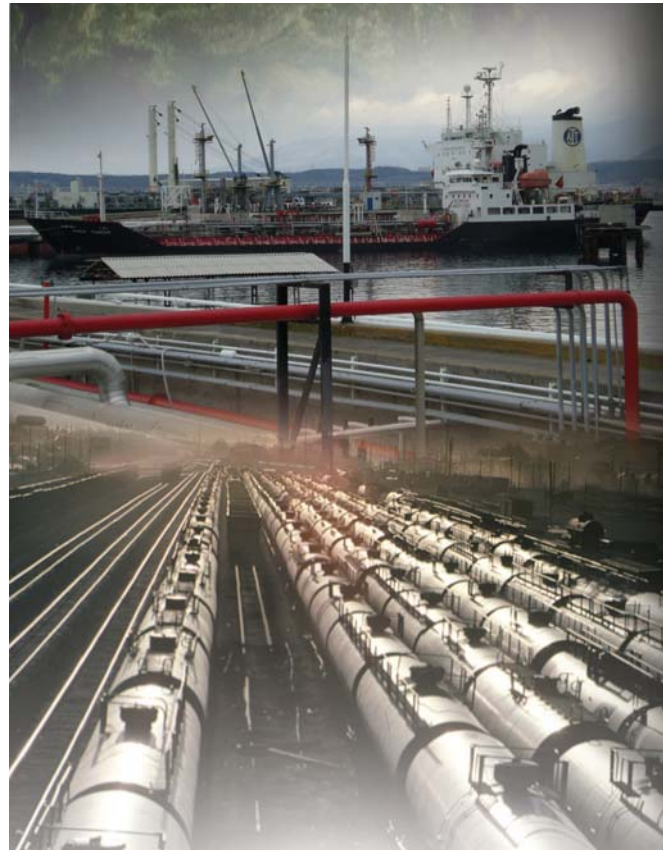
The DL8000 is capable of performing blending, measurement, control, and monitoring needed to provide highly productive and rapid operations for most common loading configurations used in the industry.

We've recently enhanced our DL8000 Preset Controller to make it the industry-leading solution to your liquid loading needs. These new enhancements include:

- An interface to Coriolis meters to measure mass and accurately account for vapor recovery
- The capability to directly measure and control up to six additives for higher quality recipes
- DanLoad protocol capability for faster and easier interfacing with legacy systems and replacing DanLoad 6000 presets
- Choice of a lower-cost and lighter-weight enclosure that meets Class 1, Division 2 requirements
- Arm position indicator to position loading arms more safely

Application Areas

- Hydrocarbon liquid loading for:
 - Tank trucks
 - Rail cars
 - Ships
 - Storage tanks
 - Other vessels loaded in batch style for transportation or storage
- Product blending for up to four products and measurement and control for up to six additives



Improve Operational Performance

Features that enhance productivity include:

- Ratio Blending for up to three products
- Sequential Blending for up to four products
- Modbus communications
- TCP/IP – Ethernet communication
- Easy interface with Terminal Automation Systems when using DanLoad protocol
- Printing from serial and Ethernet ports
- US compliance in metrology (meets National Weights and Measures NTEP requirements and all NIST Handbook 44 requirements)

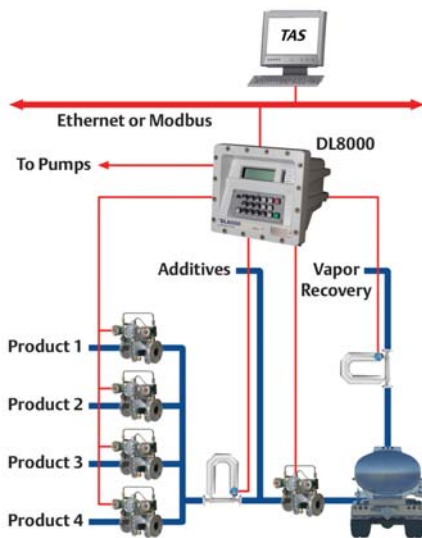


The DL8000 Preset shown in available Class 1 Division 2 enclosure enclosure (left) and explosion-proof enclosure (right)

Realize Cost Savings

The DL8000 saves you money with:

- Faster installation from shipping box to operation
- Easier and simpler configuration and set up with ROCLINK™ Configuration Software
- Accurate measurement during blending resulting in less out of specification product for less waste
- Available Class 1 Division 2 enclosure with similar display and user interface.



The DL8000 Preset is ideal for multi-product terminal loading applications

Features

The DL8000 now provides support for ethanol volume correction based on either the OIML-R22 (1973) or ABNT NBR 5992 standards. Configuring a unit for ethanol product measurement is simple, requiring only the selection of ethanol fluid type, the selection of the preferred standard volume correction and a user-entered mass percentage of ethanol for the ethanol/water mixture.

The DL8000 features a straight forward, fill-in-the-blanks approach to configuration and covers a wide variety of liquids including crude oil, refined products, special application products, lubricating oils and light hydrocarbons.

The DL8000 is packaged in a Class 1 Division 1 explosion proof enclosure or a Class 1 Division 2 enclosure. The DL8000 carries approvals from the NTEP National Test and Evaluation Program under the US National Council on Weights and Measures, and CSA/UL approval.



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