



L&J engineering
evolving at every level



Give Your
Float & Tape A Voice!

by upgrading it with a
MCG 2000MAX Transmitter.

Stop wasting valuable time and resources walking your tank field collecting information. Upgrade your existing float and tape mechanical level gauge with a MCG 2000MAX Transmitter from L&J engineering and let it respond instantly with current information the moment you need it.

MCG 2000MAX
shown with
the optional
WirelessHART.

an **L&J TECHNOLOGIES** company

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Safety Approvals:
UL/C-UL, Explosion Proof,
Class I, Div. 1, Groups C & D
ABS Approved
ATEX/IECEX Approved

Accuracy & Reliability

The MCG 2000MAX Transmitter upgrades your existing float & tape gauge system with the most reliable and user-friendly transmitter on the market. **Designed to easily mount directly onto a Shand & Jurs 92021, Varec 2500 and many other mechanical tank gauges with the appropriate mounting kit for the mechanical gauge and setting.** With the MCG 2150 Remote Calibrator (required purchase for new installations) configuring the 2000MAX is quick and easy, it allows the operator to setup, program and calibrate the transmitter without any hard-wired connections or ever removing the explosion proof housing.

MCG 2150 Remote Calibrator



Benefits

Absolute Magnetic Encoding for Level Detection

The MCG 2000MAX uses L&J's revolutionary new Absolute Magnetic Encoding to provide the greatest accuracy ever offered in the history of transmitters.

Unaffected by Power Failures

The MCG 2000MAX is completely unaffected by power failures in your tank farm without the use of batteries. When power is restored the transmitter will accurately reflect the current level, even if it has changed, without the need for additional calibration.

Supports All Protocols

All existing proprietary and open communication protocols are supported including L&J Tankway, Modbus, Fieldbus, HART, etc.

Smart Flash Technology

The MCG 2000MAX uses Smart Flash Technology to allow the operator to "Flash" updates to the transmitter when necessary.



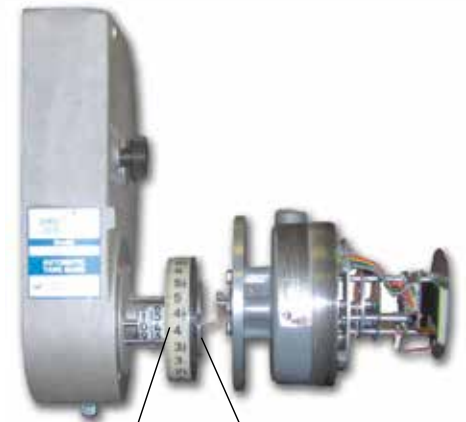
The state-of-the-art, patented Magnetic Absolute Encoding at the heart of the 2000MAX provides the highest accuracy ever offered in a transmitter with 1/32 of an inch standard and 1/64 of an inch as an available option. The 2000MAX uses fewer components on the CPU board reducing power consumption and cost while achieving unmatched reliability. **Worrying about power failures is a thing of the past, the 2000MAX is completely unaffected by the loss of power in your tank farm without the use of batteries.** When power is restored the transmitter will accurately reflect the current level, even if it has changed, without the need for additional calibration.

Wireless Communication, Increased Sensitivity

Consider moving the float & tape gauge to the top of the tank, and add the MCG 2000MAX Transmitter with an available **WirelessHART Mesh Networking** option that eliminates the need for hard-wire communication. By moving the float & tape gauge to the top of the tank you are increasing the sensitivity of the gauge while reducing the number of parts, lessening maintenance. All information displayed on the 2000MAX's LCD screen can be displayed on the optional Ground Level Display (MCG 1350M) which is identical in form and function to the display on the main unit allowing all calibration and programming to be done at ground level. **It makes an ideal way to integrate your float and tape gauge into your inventory management system.**



MCG 1350M Ground Level Display



Inch or MM Wheel

Sprocketed Calibration Disk

Look to L&J Technologies for all your **comprehensive level gauging** solutions, service and support needs.

Contact us today, **708-236-6000** or sales@ljtechnologies.com and let us help you decide what solution will work best for you and your operation.

L&J Technologies or any of its subsidiaries assume no responsibility and shall not be liable for any damage, injury or death caused the mis-application or improper installation of the products that it provides. Installation shall be per manufacturer's instructions in accordance to any applicable local, state or federal regulations. It is the responsibility of the purchaser to ensure these guidelines are followed and that the products are applied properly.