

MTS Sensors (a Division of MTS Systems Corp.) has manufacturing facilities located in America, Europe, and Asia that deliver leading-edge position and liquid-level sensors, and is the world's leading supplier of magnetostrictive-based sensor products. The Sensors Division was created by MTS Systems when it acquired Temposonics, Inc. in 1984. Temposonics remains the key technology brand for MTS Sensors and reflects an ongoing commitment to high-precision position and liquid level measurement technology development.



Temposonics®

Absolute, Non-Contact Linear Position a



FEATURES

- Modbus and FOUNDATION fieldbus Output
- 3-in-1 Measurement

Product

Interface

Temperature

- 100 point Strap Table
- No Scheduled Maintenance or Recalibration
- API Temperature Corrected Volumes
- Non-linearity 0.008% F.S.
- Explosion-proof and/or Intrinsically Safe

APPLICATIONS

- Custody Transfer
- Inventory Control
- Bulk Storage
- Sanitary Process Control

MARKETS

- Petroleum and Petrochemical
- LPG Terminals
- Biotech and Pharmaceuticals
- Food and Beverage
- Water and Wastewater

Product Overview

The Level Plus M-Series Model MG level transmitter satisfies the demand for a digital communication interface that offers the liquid-level marketplace unsurpassed flexibility to meet most process application conditions. The Level Plus Model MG transmitter provides 3-in-1 measurement using one process opening for product level, interface level, and temperature measurements. Once the transmitter is installed and calibrated there is no requirement for scheduled maintenance or

recalibration. **Set it and forget it!**

Level Plus Model MG transmitters are modular in design, offering you a selection of electronic housing styles, transmitter pipe styles and wetted materials. The Level Plus Model MG transmitter features a removable sensing element and can also incorporate 1, 5, or 12 temperature measurement points depending on the output. Subject to local electrical codes, the sensing element and electronics housing can be removed from the transmitter pipe without disrupting the operation of your process saving you time and money.

Outputs for the Level Plus Model MG transmitter include Modbus, FOUNDATION fieldbus, and DDA (a proprietary ASCII protocol). Modbus and DDA outputs are communicated via a 4-wire multi-drop power and data bus (EIA 485), whereas FOUNDATION fieldbus has a specified 3-wire bus. Utilizing the bus network eliminates the requirements for individual cable runs from each tank and these three data formats provide a direct interface to most types of computers and digital communication equipment. Both Modbus and FOUNDATION fieldbus outputs also allow a user to measure volume from a 100 point strap table with the option for temperature correction.

Now available with Foundation Fieldbus (FF) and CRN number. CSA Approved

To place an order or to obtain more information on MTS - MG Series Liquid Level Transmitter, please click [here](#).



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