

## **Subject: Micro Motion GDM and SGM Software Release 2.10**

### **Overview**

This documents the release of new software for the Gas Density Meter (GDM) and Specific Gravity Meter (SGM). The version of this software is 2.10.

### **Products Affected**

GDM and SGM.

### **NAMUR NE 53 Rating**

This release is rated at NAMUR NE 53 Level 2 with a NAMUR NE 53 version of 01.02.01.

### **Symptoms**

The following symptoms may appear with GDM and SGM:

- The board temperature on the display showed fixed units of deg C but the value was unit converted.
- A HART polling control code set to primary or secondary was reset to Do Not Poll on a power cycle.
- It was possible to load incorrect software into the device without being notified.
- When polling for pressure, if the pressure input type was set to gauge pressure, the conversion to absolute pressure was using the wrong sign.
- Simulated Specific Gravity was being unit converted on density units.
- If the mA lower range value for the selected mA Source was set to 0.4 the lower range value was set to 0 on a power cycle.

### **Resolution**

- All of the above issues have been corrected with the release of version 2.10.
- No known safety issues remain open.
- For firmware updates to a unit in the field that is experiencing any of these issues, please contact Micro Motion service in your area.

### **Additional Features**

- Added the NE 53 revision string to the display and Modbus registers 7241-7244.

- Added the ability to perform a mA trim from the display.
- Added damping configuration from the display.
- Increased the limit for the milliamp trim values to compensate for the greater variability in electronic components.

## **Firmware Checksum**

0x78B9CD6A

**Contact Information**

Product information is available on the internet at: [www.emerson.com](http://www.emerson.com).

Customer Service Phone Numbers:

Micro Motion USA	1-800-522-6277
Micro Motion Europe	31 (0) 318 495 555
Micro Motion Asia	65 6777-8211
Micro Motion UK	44 0870 240 1978
Micro Motion Japan	81 3 5769-6803

At Micro Motion we strive to stay on the leading edge of Coriolis technology. Upgrading to our latest MVD technology can pay for itself in a very short time period by improving your process measurement, improving diagnostic coverage, and improving the bottom line results of your process.

Thank you for your continued support.

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