

**Subject: MVD™ 2400S Analog / DeviceNet / Profibus-DP and 2200S and 9739MVD and FMT Modbus / Profibus Software Release**

## Overview

This bulletin documents the release of new firmware for the affected transmitters.

## Products Affected

This bulletin and the new firmware apply only to the following transmitters:

- 2400S Analog revised to v5.6
- 2400S DeviceNet revised to v2.9
- 2400S Profibus-DP revised to v2.1
- 2200S revised to v1.8
- 9739MVD revised to v1.8 (W&M v1.0)
- FMT Modbus revised to v2.1
- FMT Profibus revised to v2.1

## NAMUR NE 53 Rating

This release is rated at NAMUR NE 53 Level 2.

## Symptoms

The following symptoms may appear with the earlier versions of the affected transmitters:

- The LD compensation diagnostic register does not report 0 when the LD compensation is turned off.
- While in the slug flow duration period, Mass Flow and Density continue to show non-zero values but Volume Flow goes immediately to 0. The Volume Flow should hold the Last Measured Value.
- Density dead band is -0.1 and 0.0. It should be -0.5 and 0.0.
- 2400S Analog / DeviceNet / Profibus-DP - when SMV is aborted, alert "Smart Meter Verification Aborted (035)" is displayed and can only be cleared by device reset or successful SMV run to completion. The alert needs to be allowed to clear without a Power Reset.
- 2400S Profibus-DP - if a customer sets the output byte to run SMV constantly, the SMV run counter and status byte do not get updated.

## Resolution

All the above issues have been resolved with the software release.

## Additional Features

This software release adds the following:

- Added new LNG sensor support.
- Added 4-hour historian data collection for 2400S Analog / DeviceNet / Profibus-DP and 9739MVD and FMT Modbus / Profibus.
- Added Smart Meter Verification basic option for 2400S Analog / DeviceNet / Profibus-DP.
- Improved Smart Meter Verification technology to further reduce false alarms and improve detectability for 2400S Analog / DeviceNet / Profibus-DP.

## Host Compatibility:

- ProLink III v4.1 contains support for the applicable additional features noted above. If you have previous revisions installed, go to the ProLink III Product page (<http://www.emerson.com/catalog/enus/micro-motion-prolink-flow>) under Documents & Drawings/Software Downloads & Drivers for an update.
- The host files listed below contain support for the applicable additional features noted above for 2400S Profibus-DP v2.1:
  - Micro Motion 2400S Profibus DP Rev 2 PDM Rev 2.10. This EDD file is compatible with PDM8.x and 9.x.
  - Micro Motion 2400S Rev 2.10 Profibus DP GSD file
  - Micro Motion 2400S Rev 2.10 Profibus DP DTM Rev 2.0.4
- The host files listed below contain support for the applicable additional features noted above for FMT Profibus-DP v2.1:
  - Micro Motion Filling Mass Transmitter Rev 2.10 Profibus DP PDM. This EDD file is compatible with PDM8.x and 9.x.
  - Micro Motion FMT Rev 2.10 Profibus DP GSD file
- The appropriate drivers can be downloaded at <https://www.emerson.com/en-us/support/software-downloads-drivers>.

**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

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Thank you for your continued support.

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