

Subject: Model 5700 Transmitter with FOUNDATION™ Fieldbus software 1.3 release Overview

This documents the release of new software for the Model 5700 transmitter with FOUNDATION Fieldbus. The version of this software is 1.30.

Products Affected

Model 5700 transmitters with FOUNDATION Fieldbus.

NAMUR NE 53 Rating

This release is rated at NAMUR NE 53 Level 3. NE 53 revision level for Model 5700 transmitter with FOUNDATION Fieldbus is 01.01.02.

Symptoms

The following symptom may appear with the model 5700 transmitter with FOUNDATION Fieldbus:

- If a zero calibration is performed and the transmitter is power cycled before a factory save is executed, the zero value will be unexpectedly overwritten with 0 after the power cycle when either:
 - The next factory save is executed, or
 - a new value is written to the transmitter from a user or core processor.

Resolution

- Above issue has been corrected with the release of software revision 1.3.
- 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

- Adds support for F-Series and H-Series (300+) sensors.
- API density calculations now consider density meter factor.
- SMV meter factor range is limited to 0.8 to 1.2, both inclusive.

Host Compatibility

- There are no changes to host files (i.e. DDs or DTMs) for this release.

Contact Information

Product information is available on the internet at: 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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