Subject: Model 2700 Transmitters with Profibus-PA v4.10 Firmware

Overview

This bulletin documents the release of the transmitter firmware for the Model 2700 transmitter with Profibus-PA. The version of the new firmware is 4.10.

Products Affected

Model 2700 transmitter with Profibus-PA (model code: 2700***G).

NAMUR NE 53 Rating

This release is rated at NAMUR NE 53 Level 2 with a NAMUR NE 53 version of 01.04.01.

Symptoms

The following symptoms may appear in Model 2700 transmitter with Profibus-PA EDD files:

- Whenever a GSD compatible with v4.0 firmware of the transmitter is installed on Siemens Step 7 PLC system, the PLC loses communication with all the existing 2700 Profibus-PA version 2.2 transmitters. However, the communication remains fine with all 2700 Profibus-PA v3.x and 2700 Profibus-PA v4.x transmitters.

Resolution

The above issue has been corrected with the release of the 2700 transmitter Profibus-PA v4.10 EDD files.

Additional Features

2700 transmitter Profibus-PA v4.10 firmware supports following additional features:

- Basic Smart Meter Verification.
- The NE53 version can be read through the LOI and the Service port.
- The Serial number of the transmitter is now mapped to Modbus register R48.

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Host Compatibility

- ProLink III v4.0 or later contains support for the applicable additional features noted above. If you have ProLink III v3.0 installed, go to the ProLink Product page (http://www.emerson.com/catalog/en-us/micro-motion-prolink-flow) under Documents & Drawings/Software Downloads & Drivers for an update.

- 2700 Profibus-PA DDs and AMS install kits for device revision 4.10 contain support for the applicable additional features noted above and are available for download at https://www.emerson.com/en-us/support/software-downloads-drivers.

- 2700 Profibus-PA DTMs for device revision 4.10 contain support for the applicable additional features noted above and are available for download at https://www.emerson.com/en-us/support/software-downloads-drivers.

- 2700 Profibus-PA device revision 4.10 GSD files are available for download at https://www.emerson.com/en-us/support/software-downloads-drivers.

- 2700 Profibus-PA device revision 4.10 PDM files for PDM versions 8 and 9 are available for download at https://www.emerson.com/en-us/support/software-downloads-drivers.

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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

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