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1 Device – Revision Record – What is new?

1.1 Hardware ID: 3431

Released Revision	Released Date	Remarks
01.00.00	Nov. 2010	Initial release

1.2 Firmware

Released Revision	Released Date	Remarks
01.00.00	Nov. 2010	Initial release
01.00.01	Aug. 2011	Offline operation fix
01.01.01	Feb. 2012	Transmitter hardware fault issue fix

2 DTM (Device Type Manager)

2.1 Supported devices

- Electromagnetic Flowmeter FEV100 DP WaterMaster with HW Version 01.00.00 and SW Version 01.00.00 or higher.
- Electromagnetic Flowmeter FEF100 DP WaterMaster with HW Version 01.00.00 and SW Version 01.00.00 or higher.

2.2 DTM (driver) Version record - What is new?

Released driver Version	Released Date	Released bundle / Library Version	Remarks
05.00.00	Dec. 2010	≥ 05.02.00 / ≥ 05.00.16	- Initial release - Part of the DTM500 Bundle
05.00.01	Jun. 2011	≥ 05.03.00 / ≥ 05.00.17	- DTM500 Library enhancements
05.00.02	Sep. 2012	≥ 05.04.00 / ≥ 05.00.18	- DTM500 Library enhancements
05.00.03	May 2014	≥ 05.04.00 / ≥ 05.00.21	New DTM library for Compatibility with Win 8.1 and Win 2012 and 64 bits Operating systems Bugfixes: - Issue with DTM not appearing in catalog in certain Win 7 64 bit systems. - Error message on adding to network, in 64 bit systems when installation language is 'German'.

05.00.04	April 2017	≥ 05.05.00 / ≥ 05.00.22	New DTM library for "Observer role" in DCS
05.00.05	March 2019	≥ 05.05.00 / ≥ 05.00.22	For DCS

- The device DTM supports the standard FDT 1.2 / 1.2.1.

2.3 Requirements

2.3.1 PC-Hardware, Operating system

See DTM500 Bundle Supplement Info*)

2.3.2 Frame application / compatibility

See DTM500 Bundle Supplement Info*)

2.4 Installation and configuration

2.4.1 Installation

See DTM500 Bundle Supplement Info*)

2.4.2 Uninstall instructions

See DTM500 Bundle Supplement Info*)

2.5 Update- / Upgrade instructions

See DTM500 Bundle Supplement Info*)

2.6 Known problems and limitations

Additionally to the common hints in the DTM500 Bundle Supplement Info*) attached the device driver specific hints.

- **Function Block Simulation form has been disabled due to issue** with returning of device to original target mode. Update expected to coincide with new library release in February.
- **Installation of version 05.00.04**
 UNINSTALL 05.00.03 (IF ALREADY INSTALLED) BEFORE INSTALLING 05.00.04.
 In case of upgrade attempt, DTM will fail to install properly. To recover from this, refer to "!\Instructions for upgrade.txt" in installation Zip-File

2.7 Getting help / further information

- Press 'F1' for DTM online help.
- Help concerning the integration of the DTM in the FDT frame application can be found in the respective documentation of the frame application.

2.8 How to get the latest information & software?

The latest device driver Supplement Info & software (driver) is available on www.abb.com/fieldbus:

- latest information [*field device protocol dependent*]
- latest info (download) [*device type dependent*]
- Driver description
- Software [*driver type dependent*]

2.9 Licensing the DTM

See DTM500 Bundle Supplement Info*)

3 EDD (Electronic Device Description)

3.8 Supported devices

- Electromagnetic Flowmeter FEV100 DP WaterMaster with HW Version 01.00.00 and SW Version 01.00.00 or higher.
- Electromagnetic Flowmeter FEF100 DP WaterMaster with HW Version 01.00.00 and SW Version 01.00.00 or higher.

3.9 EDD Version record / What is new?

Released Version	Released Date	Remarks
01.00.00	Dec. 2010	Initial release

3.10 Requirements

3.10.1 Frame application / compatibility

Siemens Simatic PDM ≥ v6.0.

3.11 Installation and configuration

Start your Frame application and follow the instructions.

3.12 Known problems and limitations

- Textual unit definitions are not supported by the PI EDD library.

3.13 Getting help / further information

- Help concerning the integration of the driver in the frame application can be found in the respective documentation of the frame application.

3.14 How to get the Software (driver)?

Available as a catalogue update from the Siemens website.

4 GSD

4.1 Supported devices

- Electromagnetic Flowmeter FEV100 DP WaterMaster with HW Version 01.00.00 and SW Version 01.00.00 or higher.
- Electromagnetic Flowmeter FEF100 DP WaterMaster with HW Version 01.00.00 and SW Version 01.00.00 or higher.

4.2 GSD Version record - What is new?

Released Version	Released Date	Remarks
01.00.00	Dec. 2010	Initial release

4.3 Requirements

4.3.1 Frame application / compatibility

For all certified PROFIBUS Frame applications by PI (PROFIBUS International)

4.4 Installation and configuration

Start your Frame application and follow the instructions.

4.5 Known problems and limitations

- None known

4.6 Getting help / further information

- Help concerning the integration of the driver in the frame application can be found in the respective documentation of the frame application.

4.7 How to get the latest information & software?

The latest device driver Supplement Info & software (driver) is available on www.abb.com/fieldbus:

- latest information [*field device protocol dependent*]
- latest info (download) [*device type dependent*]
 - Driver description
 - Software [*driver type dependent*]

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