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*) DTM500 Bundle Supplement Info is available on the data medium \documentation or latest on www.abb.com/fieldbus. Enter here in the search field following No. "3KXD801500R3901".

1 Device - Revision Record - What is new?

1.1 Hardware

Released Revision	Released Date	Remarks
1	April 2008	Initial release
2	Nov. 2009	Analogue gain distribution improvement Improvements to HART circuitry following certification tests
3	Nov. 2010	Change of main micro to 768K part

1.2 Software

Released Revision	Released Date	Remarks
01.00.00	April 2008	First release
01.00.01	May 2008	Self-cal gain averaging fix
01.01.00	Sept. 2008	Acquisition warm-up improvement
01.01.01	Dec. 2008	ADC supply tolerance fix
01.02.00	Nov. 2009	Analogue gain distribution improvement
01.03.00	Oct. 2010	HCF certified HART Rectified Current Output MID behavior
01.03.01	Dec. 2010	Pulse output correction for large sensors

1.3 Device

Released Revision	Released Date	Remarks
00	April 2008	First release

2 DTM (Device Type Manager)

2.1 Supported devices

- Electromagnetic Flowmeter FEV100 HART WaterMaster with HW Version 1* or higher, SW Version 01.02.00 or higher and Device Version 00 or higher.
- Electromagnetic Flowmeter FEF100 HART WaterMaster with HW Version 1* or higher, SW Version 01.02.00 or higher and Device Version 00 or higher.

* Operation over HART 4 to 20mA with Hardware revision 1 is not HCF certified.

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

Released driver Version	Released Date	Released bundle / Library Version	Remarks
05.00.00	Nov. 2009	≥ 05.00.05 / ≥ 05.00.13	First release Part of the DTM500 Bundle
05.00.01	Jun. 2010	≥ 05.01.00 / ≥ 05.00.15	DTM500 Library enhancements
05.00.02	Jun. 2011	≥ 05.03.00 / ≥ 05.00.17	DTM500 Library enhancements

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.

None known

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*)

3.1 Supported devices

See DTM Supported devices.

3.2 EDD Version record / What is new?

Released Version	Released Date	Remarks
00 01	Jun. 2011	Initial Release

3.3 Requirements

3.3.1 Interpreter / compatibility

The EDD is released for PDM 6.0 SP5 and SDC625.

3.4 Installation and configuration

Start your Frame application and follow the instructions.

3.5 Known problems and limitations

None known

3.6 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.

3.7 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*]

3 EDD

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