Supplementary Information
3KXF200101R3901 Rev. F

Driver FEX100 HART
WaterMaster
Electromagnetic Flowmeter

Content

*) 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	Sep. 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
01.04.00	Feb. 2012	Offline operation fix
01.04.01	Mar. 2012	Transmitter hardware fault fix
01.05.02	Dec. 2015	improvement

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.

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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
05.00.03	Sep. 2012	≥ 05.04.00 / ≥ 05.00.18	DTM500 Library enhancements
05.00.04	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'.
05.00.05	April 2017	≥ 05.05.00 / ≥ 05.00.22	New DTM library for "Observer role" in 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.

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

2.9 Licensing the DTM
See DTM500 Bundle Supplement Info*)

3 EDD
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:
à latest information [*field device protocol dependent*]
  à latest info (download) [*device type dependent*]
    - Driver description
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