Supplementary Information
3KXF200101R3901 Rev. F

Driver FEX100 HART
WaterMaster
Electromagnetic Flowmeter

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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

<table>
<thead>
<tr>
<th>Released</th>
<th>Revision</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>April 2008</td>
<td>Initial release</td>
<td></td>
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</tbody>
</table>
| 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

<table>
<thead>
<tr>
<th>Released</th>
<th>Revision</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.00.00</td>
<td>April 2008</td>
<td>First release</td>
<td></td>
</tr>
<tr>
<td>01.00.01</td>
<td>May 2008</td>
<td>Self-cal gain averaging fix</td>
<td></td>
</tr>
<tr>
<td>01.01.00</td>
<td>Sep. 2008</td>
<td>Acquisition warm-up improvement</td>
<td></td>
</tr>
<tr>
<td>01.01.01</td>
<td>Dec. 2008</td>
<td>ADC supply tolerance fix</td>
<td></td>
</tr>
<tr>
<td>01.02.00</td>
<td>Nov. 2009</td>
<td>Analogue gain distribution improvement</td>
<td></td>
</tr>
</tbody>
</table>
| 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

<table>
<thead>
<tr>
<th>Released</th>
<th>Revision</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>April 2008</td>
<td>First release</td>
<td></td>
</tr>
</tbody>
</table>

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?

<table>
<thead>
<tr>
<th>Released driver Version</th>
<th>Released Date</th>
<th>Released bundle / Library Version</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>05.00.00</td>
<td>Nov. 2009</td>
<td>≥ 05.00.05 / ≥ 05.00.13</td>
<td>First release Part of the DTM500 Bundle</td>
</tr>
<tr>
<td>05.00.01</td>
<td>Jun. 2010</td>
<td>≥ 05.01.00 / ≥ 05.00.15</td>
<td>DTM500 Library enhancements</td>
</tr>
<tr>
<td>05.00.02</td>
<td>Jun. 2011</td>
<td>≥ 05.03.00 / ≥ 05.00.17</td>
<td>DTM500 Library enhancements</td>
</tr>
<tr>
<td>05.00.03</td>
<td>Sep. 2012</td>
<td>≥ 05.04.00 / ≥ 05.00.18</td>
<td>DTM500 Library enhancements</td>
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<tr>
<td>05.00.04</td>
<td>May 2014</td>
<td>≥ 05.04.00 / ≥ 05.00.21</td>
<td>New DTM library for Compatibility with Win 8.1 and Win 2012 and 64 bits Operating systems</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Bugfixes:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Issue with DTM not appearing in catalog in certain Win 7 64 bit systems.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Error message on adding to network, in 64 bit systems when installation language is ‘German’.</td>
</tr>
<tr>
<td>05.00.05</td>
<td>April 2017</td>
<td>≥ 05.05.00 / ≥ 05.00.22</td>
<td>New DTM library for &quot;Observer role&quot; in DCS</td>
</tr>
</tbody>
</table>

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*).