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The latest device driver Supplement Info & software (driver) is available on www.abb.com/measurement 2

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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".

ProcessMaster / HygienicMaster / WaterMaster

1 Device - Revision Record - What is new?

1.1 Hardware: 1AA4

Released Revision	Released Date	Remarks
01	June 2016	First release

1.2 Software

Released Revision	Released Date	Remarks
00.01.00	June 2016	First release 510, 610 series
00.04.00	February 2017	Release 530, 630 series

1.3 Device

Released Revision	Released Date	Remarks
01	June 2016	First release

2 DTM (Device Type Manager)

2.1 Supported devices

FEW510, FEP610, FEH610
FEW530, FEP630, FEH630

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

Released Driver Version	Released Date	Released Library Version	Remarks
05.00.00	June 2016	≥ 05.04.00 / ≥ 05.00.21	First release Part of the DTM500 Library
05.00.01	Aug. 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 Supported Languages

The device DTM supports English

2.4 Requirements

2.4.1 PC-Hardware, Operating system

DTM500

- See DTM500 bundle Supplement Info*)

DTM700

- Minimum requirement

2-GHz-Processor or better with 32 Bit (x86) or 64 Bit (x64)
1 GB RAM or better
500 MB free hard disk space
1024 x 768 screen resolution recommended
Microsoft Windows 7 Service Pack 1, Windows 8.1 & Windows 10
(32 Bit / 64 Bit variants sup-ported)
Microsoft .NET Framework 4.6.1
Microsoft Visual C++ 2015 Redistributables - 14.0.23026
Microsoft Internet Explorer 6.0 or higher
Adobe Reader latest version

None

DTM700
- None

2.4.2 Frame application / compatibility

DTM500
See DTM500 bundle Supplement Info*)

DTM700
The ABB DTM should be usable in all frame applications according to the requirements of FDT 1.2. / 1.2.1.
Refer the corresponding frame application documentation and Manuals

2.8 Getting help / further information

Help concerning the integration of the DTM in the FDT frame application can be found in the respective documentation of the frame application.

2.8.1 How to get the latest information & software?

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

2.9 Licensing the DTM

DTM500
See DTM500 Bundle Supplement Info*)

DTM700
None

2.5 Installation and configuration

2.5.1 Installation

DTM500
See DTM500 Bundle Supplement Info*)

DTM700
– Ensure that the minimum hardware requirements are met.
– Start Windows (login with administrator rights!).
– Cancel all active applications.
– Unpack the DTM zip file available as download from www.abb.com/Instrumentation
– Start the installation Wizard as follows:
– Right hand MouseClick with "run as Administrator"
<drive>:\.\.exe
– Follow the instructions

2.5.2 Uninstall instructions

DTM500
See DTM500 Bundle Supplement Info*)

DTM700
In the operating system: Start -> Settings -> Control Panel -> Add/Remove Programs -> Select the DTM and Uninstall

2.6 Update- / Upgrade instructions

DTM500
See DTM500 Bundle Supplement Info*)

DTM700
– Uninstallation is not required before update / upgrade. It can be handled like a new installation existing projects will be retained. Only in case of upgrade from DTM500 to DTM700, uninstallation of DTM500 to be followed as specified in DTM500 Bundle supplementary In-formation document before proceeding with DTM700 installation.

– Hints regarding new versions may be found under <http://www.abb.com/Fieldbus>

2.7 Known problems and limitations

DTM500

3 EDD

3.1 Supported devices

FEW510, FEP610, FEH610
FEW530, FEP630, FEH630

3.2 EDD Version record / What is new?

Released Version	Released Date	Remarks
01 01	July 2017	First Release
01 02	June 2019	FCG: FDI – registered
01 03	Mar 2021	Addition of ethernet functionality , FEXx1x enhancements

3.3 Requirements

3.3.1 Interpreter / compatibility

The EDD is released for PDM \geq 9.1 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*]

4 FDI (Field Device Integration)

FDI Package (EDD based)

4.1 FDI Device Package Version record - What is new?

Released Date	Package Version	EDD Released Version (Dev Rev)	Attachment (revision)	UIP Released Version (00.0 0.00)	UIP Changed UIP file count	Remarks (EDD, Attachment, UIP)
July 2017	01.00.00	01 02	FEP630_FEH630_family_256x256.png, OI_FEP610_FEH610_EN_A.pdf	none	no	First release
June 2019	01.01.00	01 02	FEP630_FEH630_family_256x256.png, OI_FEP610_FEH610_EN_A01.pdf	None	No	FCG Registered
May 2021	01.03.00	01 03	FEP630_FEH630_family_256x256.png, OI_FEP610_FEH610_EN_A.pdf OI_FEP610_FEH610_EN_B.pdf OI_FEP630_FEH630_EN_B.pdf OI_FEP630_FEH630_EN_D01.pdf OI_FEP630_FEH630_EN_D02.pdf	1.0.5	no	Addition of ethernet Functionality, FEXx1x enhancements

4.2 Supported devices

FEW510, FEP610, FEH610
FEW530, FEP630, FEH630
FEXx1x

4.3 Supported Languages

The device Package supports English.

4.4 Requirements

FDI Technology Version 1.x.x

4.5 Import / remove and configuration

Start your EDD Host application and follow the instructions.

4.6 Update- / Upgrade instructions

4.7 Known problems and limitations

None known

4.8 Getting help / further information

Help concerning the integration of the Package in the FDI frame application can be found in the respective documentation of the frame application.

Use mouse over for field hints and tooltips.

4.9 How to get the latest information & software?

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

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