

Driver Water Master FEP620 HART

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. "3KXF242601S0202".

1 Device - Revision Record - What is new?

1.1 Hardware

Released Revision	Released Date	Remarks
01.00.00	November 2023	First release

1.2 Software

Released Revision	Released Date	Remarks
01.13.94	November 2023	First release

1.3 Device

Released Revision	Released Date	Remarks
01	November 2023	First release

1.4 Cyber Security info

1.4.1 ABB recommendation

It is recommended to use at least an anti-malware solution wherever the product is deployed.

1.4.2 Disclaimer

This product is designed to be connected to and to communicate information and data via a network interface. It is user's sole responsibility to provide and continuously ensure a secure connection between the product and user's network or any other network (as the case may be). User shall establish and maintain any appropriate measures (such as but not limited to the installation of firewalls, application of authentication measures, encryption of data, installation of anti-virus programs, etc) to protect the product, the network, its system and the interface against any kind of security breaches, unauthorized access, interference, intrusion, leakage and/or theft of data or information. ABB Ltd and its affiliates are not liable for damages and/or losses related to such security breaches, any unauthorized access, interference, intrusion, leakage and/or theft of data or information.

2 DTM (Device Type Manager)

2.1 Supported Devices

- Water Master FEP620 with HW-Version 01.00.00 and SW-Version 01.13.94 or higher

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

Released Version	Released Date	DTM LIBRARY Version	Remarks DTM
07.01.00	November 2024	DTM700	First release

- The device DTM supports the standard FDT 1.2.

2.3 Requirements

2.3.1 PC-Hardware, Operating system

- 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
- Windows 10 (32 Bit / 64 Bit variants supported) onwards
- Microsoft .NET Framework 4.6.1
- Microsoft Visual C++ 2015 Redistributable - 14.0.23026
- Microsoft Edge(preferable)
- Adobe Reader latest version

2.3.2 Frame application / compatibility

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

2.4 (Un)Installation and configuration

2.4.1 Installation

- 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 Mouse Click with “run as Administrator”
 - Version 07.01.00(Device type 1A0D):
<drive>:\.\3KXF242601S0202_DTM_FEx620_HART\MID-001A_DID-1AA7\Revision_07.01.00\DTM FEx620 HART.exe
- Follow the instructions.

2.4.2 Uninstall instructions

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

2.5 Update- / Upgrade instructions

- Uninstallation is not required before update / upgrade. It can be handled like a new installation existing project will be retained. Only in case of upgrade from DTM500 to DTM700, uninstallation of DTM500 to be followed as specified in DTM500 Bundle supplementary Information document before proceeding with DTM700 installation.
- Hints regarding new versions may be found under www.abb.com/Fieldbus

2.6 Known problems and limitations

- FEx620 v 07.01.00: 800xA host Print UIP Save logs issue:** User is trying to save the logs, and it will pop up a message box saying “**You can’t open this location using this program. Please try different location**”
- Work around:** User must press ok and proceed further. It will not stop user to save the logs.
- FEx620 v07.01.00: Multiple DTM’s going online is not possible in 800xA – DCS specific issue.**
- Work around:** To have multiple DTM’s go online, User must pin the DTM window.

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/measurement

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

2.9 Licensing the DTM

None

3 EDD (Electronic Device Description)

3.1 Supported devices

Water Master FEP620

3.2 EDD Version record - What is new?

Released Version	Released Date	Remarks
01	Nov 2023	NA

3.3 Requirements

3.3.1 Frame application / compatibility

EDD Host application / compatibility.

3.4 Installation and configuration

Start your Frame application and follow the instructions.

3.5 Known problems and limitations

NA

3.6 Getting help / further information

NA

3.7 How to get the Software (driver)?

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

→ 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 Re-leased Version (Dev Rev)	Attachment (revision)	UIP Released Version (00.00.00), Winx	UIP Changed UIP file count	Remarks (EDD. Attachment, UIP)
Nov 2023	01.01.00	NA	NA	Magnolia_DiagnosticsHistory_UIP.1.0.2.uip	Yes	First release (Device Type 1AA7)

4.2 Supported Languages

The device Package supports English

4.3 Requirements

FDI Technology Version 1.3.0

EDD Host application / compatibility

4.4 Remove / import and configuration

Start your FDI Host application and follow the instructions.

4.5 Update / Upgrade instructions

No

4.6 Known problems and limitations

None

4.7 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 FDI tool. Use mouseover for field hints and tooltips.

4.8 How to get the latest information & software?

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

4.9 Licensing

The “General terms of license for computer software utilization” are valid, which can be found by searching on abb.com

Contacts

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ABB Measurement & Analytics

For your local ABB contact,

visit: abb.com/contacts

For more product information,

visit: www.abb.com/measurement

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