

Supplementary Information

3KXT200201R3901 Rev. L

Driver TTX200-HART

Temperature Transmitter

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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. "3KXD801400R3901".

1 Device Revision Record - What is new?

1.1 Hardware

1.1.1 TTH200-HART

Released Revision	Released Date	Remarks
01.06	Jan 2009	First release
01.07	Dez 2012	Reduced C _i
01.12	July 2013	Same function, Hardware components updated
01.13	Sep. 2016	Same function, Hardware components updated
01.15	Nov. 2017	Same function, Hardware components updated
02.00	Feb. 2021	First release - New electronics platform with enhanced NAMUR functionality

1.1.2 TTR200-HART

Released Revision	Released Date	Remarks
01.01	May 2008	First release
01.07	Dez 2012	Reduced C _i
01.12	July 2013	Same function, Hardware components updated
01.13	Sep. 2016	Same function, Hardware components updated
01.15	Nov. 2017	Same function, Hardware components updated

1.1.3 TTF200-HART

Released Revision	Released Date	Remarks
01.15	Nov. 2017	Same function, Hardware components updated

1.2 Software (Firmware)

Released Revision	Released Date	Remarks
01.00.01	May 2008	First release TTR200
01.00.02	Jan 2009	First release TTH200
01.00.06	Jan 2010	TTH200 & TTR200: SIL2 & TC Type E enhancement: -270°C

01.00.07	July 2011	Sensor Diagnostic Improvement Operation Hours Counter Bugfix
02.01.00	July 2013	Hardware Revision - TTH200-HART >= 01.12 - TTR200-HART >= 01.12 - TTF200-HART >= 1.15
03.00.00	Feb 2021	Compatible with hardware 02.xx
03.00.01	May 2021	Bug Fix – HMI easy setup menu
03.01.00	Jan 2022	New device type code, Availability of SIL

1.3 Device

Released Revision	Released Date	Remarks
02	January 2009	First release
03	Feb 2021	HART 5
04	May 2021	HART 7
05	Jan 2022	Software version 03.01.xx, HART 5
06	Jan 2022	Software version 03.01.xx HART 7

2 DTM (Device Type Manager)

2.1 Supported devices

- Temperature transmitter DIN Rail mounted TTR200-HART with HW-Version 01.01 and SW-Version 01.00.01 or higher
Temperature transmitter Head mounted TTH200-HART with HW-Version 01.01 and SW-Version 01.00.01 or higher

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

Released Driver Version	Released Date	Released bundle / Library Version	Remarks
01.00.00	May 2008	≥ 2.00.3x P5	First release DTM400
05.00.00	May 2011	≥ 05.03.00 / ≥ 05.00.17	First release DTM500 Version 05.xx.xx
05.00.01	Aug 2012	≥ 05.04.00 / ≥ 05.00.18	- DTM500 - Improvements and Bugfix
05.00.02	Nov. 2014	≥ 05.05.00 / ≥ 05.00.21	- New DTM library for Compatibility with Win 8.1 and Win 2012 and 64 bits Operating systems - Bugfixes

05.00.03	Nov. 2016	≥ 05.05.00 / ≥ 05.00.22	- New DTM library for "Observer role" in DCS
07.04.01	Dec 2020	DTM 700	- Enhancements for TTX 200 device (HART 7)

- The device DTM supports the standard FDT 1.2.

2.3 Requirements

2.3.1 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 supported)

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

2.3.2 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

2.4 Installation and configuration

2.4.1 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>:\3KXT200200S0202_DTM_TTx200-

HART.zip\3KXT200200S0202_DTM_TTx200-HART\MID-001A_DID-

1A0D\Revision_07.04.01 \DTMTTx200HART.exe

– Follow the instructions.

2.4.2 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.

2.5 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 www.abb.com/Fieldbus

2.6 Known problems and limitations

DTM500

Additionally to the common hints in the DTM500 Bundle Supplement Info*) attached the device driver specific hints.

DTM700

-TTX200 v 07.04.01: Offline Menu configuration issue- Workaround:ImportExport UIP to be used in DTM

-ImportExport UIP issue in 800xA system

- Both DTM version 05.00.03 and 07.04.01 should be installed to ensure compatibility.

- Device revision 4 is incompatible with the DTM for device revision2

2.7 Getting help / further information

– Press 'F1' for 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

DTM500

See DTM500 Bundle Supplement Info*)

DTM700

none

3 EDD

3.1 Supported devices

Temperature transmitter TTX200 series

3.2 EDD Version record / What is new?

04 01	Aug 2020	Enhancement for device HART 7
05 01	March 2022	New device type code - HART 5 Device 05
06 01	March 2022	New device type code - HART 7 Device 06

3.3 Requirements

3.3.1 Frame application / compatibility

The EDD is released for PDM 6.0 SP2 and SDC625.

3.4 Installation and configuration

Start your Frame application and follow the instructions.

3.5 Known problems and limitations

- EDD versions 02.04, 03.01 and 04.01 should be installed to ensure compatibility with HW:01.XX and HW:02.XX, software 01.03.XX. 02.XX and 03.00.XX

- Device revision 4 is incompatible with the EDD for device revision 2

- Device revision 3 is incompatible with the EDD for device revision 2

3.6 Getting help / further information

3.7 How to get the Software (driver)?

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*]

Released Version	Released Date	Remarks
02 02	April 2009	General EDD first Release HART5
02 04*	July 2017	*Inside FDI-Package HART5
03 01	Sep 2020	Enhancement for device HART 5

4 FDI Package (EDD based)

4.1 Supported devices

4.2 FDI ABB.Package Version record - What is new?

Released Date	Package Version	EDD Released Version (Dev Rev)	Attachment (revision)	UIP Released Version (00.00.00)	UIP _r Changed UIP file count	Remarks (EDD, Attachment, UIP)
Nov. 2017	01.00.00	02 04	TTX300_256x256.png, OI_TTH200_EN_A01.pdf	none	no	First release
Sep 2020	03.01.00	03 01	OI_TTH200_EN_C.pdf, DS_TTH200_EN_D.pdf	none	no	HART 5
Aug 2020	04.01.00	04 01	-	none	no	HART 7
Mar 2022	05.01.00	05 01	OI_TTH200_EN_D.pdf, CI_TTH200_EN_D.pdf, DS_TTH200_EN_D.pdf	None	No	HART 5
Mar 2022	06.01.00	06 01	OI_TTH200_EN_D.pdf, CI_TTH200_EN_D.pdf, DS_TTH200_EN_D.pdf	none	no	HART 7

4.3 Supported Languages

The device Package supports English, German.

4.4 Requirements

FDI Technology Version 1.2.0

4.5 Import / remove and configuration

Start your FDI Host application and follow the instructions.

4.6 Update- / Upgrade instructions

No

4.7 Known problems and limitations

- FDI packages version 01.21, 03.01 and 04.01 should be installed to ensure compatibility with HW:01.XX and HW:02.XX, software 01.03.XX, 02.00.XX and 03.00.XX
- Device revision 4 is incompatible with the FDI package for device revision 2
- Device revision 3 is incompatible with the FDI package for device revision 1

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 FDI tool. Use mouseover for field hints and tooltips.

4.9 How to get the latest information & software?

Please check on FieldComm Group webpage www.fieldcommgroup.org

4.10 Licensing

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

ABB Measurement & Analytics

For your local ABB contact,

visit: abb.com/contacts

For more product information,

visit: abb.com/measurement

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