ABB

SUPPLEMENTARY INFORMATION | 3KXT200304R3901 REV. I

Driver TTX300 PA
Temperature Transmitter

Contents

*) 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 ID: 3470

Released Revision	Released Date	Remarks
01.00.02	April 2010	First release

1.2 Software/Firmware

Released Revision	Released Date	Remarks
01.00.04	April 2010	Pre series
01.00.06	May 2010	Bugfix status handling AI-Block
01.00.07	Oct. 2010	Internal change during firmware update
01.00.08	April 2011	Sensor Diagnostic Improvement Operation Hours Counter Bugfix
01.00.09	Dec. 2012	Bugfixes: - Unit handling - Measurement status at startup - Diagnosis Simulation activated
01.00.12	August 2017	Improvements and bug fixes: -Additional diagnosis: Leaving the power supply range - "Update Event" according to Profile implemented -Status if sensor limits exceeded: "BAD", device status: "FAILURE" -Default value of parameter "FSAFE": "BAD", "Last Usable Value" -Parameter "SIMULATION" no longer "Static" -Parameter „MIN(MAX)_SENSOR_VALUE_1(2)" no longer resettable -Block parameter "ST_REV" now "Static" -Address change in Data Exchange now blocked

1.3 Device (latest SW compatibility status)

Released Revision	Released Date	Remarks
01	Aug 2017	First release

1.4 Supported devices

- PROFIBUS PA Temperature Transmitter
  TTH300 / TTF300 / TTF350
  from HW-Version 01.00.xx, FW-Version 01.00.xx.

- TTH300-…P   Head-mounted transmitter
- TTF300-…P   Field device
- TTF350-…P   Field device

1.5 Cyber Security info

1.5.1 ABB recommendation

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

1.5.2 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, in-stallation 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 dam-ages and/or losses related to such security breaches, any unauthorized access, interference, intrusion, leakage and/or theft of data or information.

1.6 Licensing

The "General terms of license for computer soft-ware utilization" are valid, which can find by searching on abb.com

2   DTM (Device Type Manager)

2.1   Supported Devices

- PROFIBUS PA Temperature Transmitter
  TTH300 / TTF300 / TTF350
  from HW-Version 01.00.xx, FW-Version 01.00.xx.

- TTH300-…P   Head-mounted transmitter
- TTF300-…P   Field device
- TTF350-…P   Field device

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

2.2.1   Device Type ID: 1A93

Released Version	Released Date	DTM LIBRARY Version	Remarks DTM
05.00.00	Oct. 2010	≥ 05.02.00 / ≥ 05.00.16	- First release - Part of the DTM500 Bundle
05.00.01	May 2011	≥ 05.03.00 / > 05.00.17	DTM500 Improvements and Bugfix
05.00.02	Aug 2012	≥ 05.04.00 / > 05.00.18	DTM500 Improvements and Bugfix
05.00.03	May 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: - 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'.
05.00.04	July 2017	≥ 05.05.00 / ≥ 05.00.22	New DTM library for "Observer role" in DCS DTM Enhancements - New Diagnostics and GSD file

The device DTM supports the standard FDT 1.2 / 1.2.1.

2.3   Supported Languages

English

2.4 Requirements

2.4.1 PC-Hardware, Operating system

See DTM500 Bundle Supplement Info*)

2.4.2 Frame application / compatibility

See DTM500 Bundle Supplement Info*)

2.5 (Un)Installation and configuration

2.5.1 Installation

See DTM500 Bundle Supplement Info*)

2.5.2 Uninstall instructions

See DTM500 Bundle Supplement Info*)

2.6 Update- / Upgrade instructions

See DTM500 Bundle Supplement Info*)

2.7 Known problems and limitations

Additionally to the common hints in the DTM500 Bundle Supplement Info*) attached the device driver specific hints.
None known

2.8 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.

2.9 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*]

3 EDD (Electronic Device Description)

3.1 Supported devices

PROFIBUS PA Temperature Transmitter
TTH300 / TTF300 / TTF350
from HW-Version 01.00.xx, FW-Version 01.00.xx

TTH300-…P	Head-mounted transmitter
TTF300-…P	Field device
TTF350-…P	Field device

3.2 Hash Code

3KXT200300S0006_EDD_TTx300_PA.zip

ED59A9178F85BF7A80701DA20AE73ABDB4014F5F2EDE41CA92A17A976F26DCB8

3.3 EDD Version record - What is new?

3.3.1 Device Type ID: 3470

Released Version (Dev Rev)	Released Date	Remarks
01 01	Jan 2010	First release
01 02	NA	No officially released It was trial version
01 03	March 2023	Release with FDI aligned with style guide

3.4 Supported Languages

The device EDD supports English.

3.5 Requirements

Compatible to IEC61804-3, -4, -5 Electronic Device Description Language (EDDL)

3.6 Remove / import and configuration

Start your EDD Host application and follow the instructions.

3.7 Known problems and limitations

None known

3.8 Getting help / further information

Help concerning the integration of the driver in the EDD Host application can be found in the respective documentation of the application.

Use mouse over for field hints and tooltips.

4 GSD

4.1 Supported devices

PROFIBUS PA Temperature Transmitter
TTH300 / TTF300 / TTF350
from HW-Version 01.00.xx, FW-Version 01.00.xx

TTH300-…P   Head-mounted transmitter
TTF300-…P   Field device
TTF350-…P   Field device

4.2 Hash Code

3KXT200300S0004_GSD_TTx300_PA.zip

A1420099A96A7252096B2BCC8696AA3BAE0DA803582CBF23C0160139FACA23E8

4.3 GSD Version record - What is new?

Released Revision	Released Date	Remarks
01.00.03	April 2010	First release
01.01.00	August 2017	Additional diagnosis: Leaving the power supply range BugFixing

4.4 Supported Languages

The GSD supports

English

4.5 Requirements

4.5.1 Frame application / compatibility

For all certified PROFIBUS Frame applications by PI (PROFIBUS International)

4.6 Remove / import and configuration

Start your Frame application and follow the instructions

4.7 Known problems and limitations

- Freelance AC800F with CBF 8.1:
Undefined diagnosis bits are reported which should be ignored

4.8 Getting help / further information

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

5 FDI (Field Device Integration)

FDI Package (EDD based)

5.1 FDI Device Package Version record - What is new?

5.1.1 Device Type ID: 3470

Released Date	Package Version	EDD Released Version (Dev Rev)	Attachment (revision)	UIP Released Version (00.00.00), Winx	UIP Changed UIP file count	Remarks (EDD. Attachment, UIP)
NA	01.02.00	01 02	NA	NA	NA	This version is not officially released , it was for internal use
March 2023	01.03.00	01 03	AB013470.gsd COM_TTX300_PB_EN_A.pdf OI_TTF300_EN_H.pdf TTF300_content.png	NA	NA	Release with FDI aligned with style guide

5.2 Supported Languages

The device package supports

English

5.3 Requirements

FDI Technology Version 1.3.0

EDD Host application / compatibility

5.4   Remove / import and configuration

Start your EDD Host application and follow the instructions.

5.5   Update- / Upgrade instructions

Upload FDI-Package (FDIX)

5.6   Known problems and limitations

None known

5.7   Getting help / further information

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

Use mouse over for field hints and tooltips.

6   How to get the latest information & software?

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

Contacts

ABB Measurement & Analytics
For your local ABB contact,
visit: **abb.com/contacts**
For more product information,
visit: **www.abb.com/temperature**