Supplementary Information
3KXA112591R3901Rev. D

Driver ACA592-XX HART Endura
Concentration Transmitter (Toroidal Conductivity, Four Electrode Conductivity, Two Electrode Conductivity)

Content

- *) 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

Released Revision	Released Date	Remarks
01.00.00	March 2012	First release

1.2 Software

Released Revision	Released Date	Remarks
01.00.00	March 2012	First release

1.3 Device

Released Revision	Released Date	Remarks
01	March 2012	First release

2 DTM (Device Type Manager)

2.1 Supported devices

- ACA592-TC Toroidal Conductivity,
- AC592-EC Four Electrode Conductivity
- ACA592-TE Two Electrode Conductivity

Concentration transmitter with
HW Version 01.00.xx, SW Version 01.00.xx and
Device Version 01 or higher.

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

Released driver Version	Released Date	Released bundle / Library Version	Remarks
05.00.00	April. 2012	≥ 05.02.00 / ≥ 05.00.17	- First release - Part of the DTM500 Bundle
05.00.01	Sep. 2012	≥ 05.04.00 / ≥ 05.00.18	- DTM500 Library enhancements
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

- The device DTM supports the standard FDT 1.2 / 1.2.1.

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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.

- User recommended to use the table entry for editing the user-defined curve instead of grab-and-move feature, this avoids the "nonmonotonic" or "access restricted" errors when the curve values are stored to the device.

- DTM pop-up messages are not supported on Windows 2000

- In Identify and Parameterize views of the DTM in Online mode, Use "OK" button to close the view if data has been edited and stored to the device from this view.
- Use "CANCEL" button to discard changes made and not stored to the device.

- User recommended to tab-out of, or click away from a data-entry field after editing the value. This overcomes the issue with some data changes not being accepted by the DTM and not stored to the device upon Partial Download (tool bar option - "Data load from device for this function only")

- User recommended to perform a complete upload (tool bar option "full data load from device") after opening the DTM in online mode. This could be done through the pop-up message "Do you want to switch to the online view and upload the device parameter". Sometimes the DTM may not present this pop-up message. In this case, perform the operation through the menus/tool bar.

- User must manually verify the auto detection of invalid value entry for PV LRV, PV URV and reverting to previous good value.

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:
à latest information [*field device protocol dependent*]
   à latest info (download) [*device type dependent*]

- Driver description
- Software [*driver type dependent*]

2.9   Licensing the DTM
See DTM500 Bundle Supplement Info*)

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3   EDD (Electronic Device Description)
Supported devices
- ACA592-TC   Toroidal Conductivity,
- AC592-EC   Four Electrode Conductivity
- ACA592-TE   Two Electrode Conductivity
  Concentration   Transmitter

3.1   EDD Version record - What is new?

Released Version	Released Date	Remarks
01 **01**	Aug. 2011	First release, Registered with HCF

3.2   Requirements
3.2.1   Interpreter / compatibility
The EDD is released for PDM 6.0, SDC625, HH375, HH475

3.3   Installation and configuration
Start your Frame application and follow the instructions.

3.4   Known problems and limitations

- None known

3.5   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.

3.6   How to get the latest information & software?
The latest device driver Supplement Info & software (driver) is available on www.abb.com/fieldbus:

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

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