Driver EDP300 HART PositionMaster
Digital Positioner

Contents

1   Device - Revision Record - What is new?

1.1   Hardware

Released Revision	Released Date	Remarks
01.00.00	July 2011	First release

1.1   Software

Released Revision	Released Date	Remarks
01.00.01	June 2011	First release
01.00.02	July 2011	shorter auto adjustment
01.00.03	Jan. 2012	improvement of pressure measurement
01.00.06	Jan. 2013	improvement of the valve signature test, additional parameter for linear mounting, adapted 0%-/100%-position behavior
01.00.09	Aug. 2014	more dynamic control behavior
01.02.06	July 2016	HART7
01.03.00	Feb. 2019	Bug Fix

1.2   Device (latest SW compatibility status)

Released Revision	Released Date	Remarks
01	July 2011	First release HART 5
02	July 2016	First release HART 7
04	Dec. 2019	Bug Fix

1.3   Supported devices

- Electro-Pneumatic Positioner - PositionMaster EDP300

1.4   Licensing

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

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2　DTM (Device Type Manager)

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

Released Driver Version	Released Date	Released Library / Version	Remarks
05.00.00	July 2011	≥ 05.03.00 / ≥ 05.00.17	First release Part of the DTM500 Bundle
05.00.01	Dec. 2011	≥ 05.04.00 / ≥ 05.00.17	DTM500 Library enhancements
05.00.02	Sep. 2012	≥ 05.04.00 / ≥ 05.00.18	DTM500 Library enhancements
05.00.03	May 2014	≥ 05.04.00 / ≥ 05.00.21	DTM500 Library enhancements Bug fixed German language Win 8.1, Win 2012 server RS & Win 7 64 Bit DTM enhancements Valve Health Report Wizard
05.00.04	Dec. 2016	≥ 05.05.00 / ≥ 05.00.22	Bug fixed, new DTM library for "Observer role" in DCS

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

2.2　Supported Languages
The device DTM supports English

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.
- Not released for ABB Systems Symphony / Melody
Does not support the new parameter: Bolt Position in Rev. 1.00.05

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

3 EDD (Electronic Device Description)

3.1 EDD Version record - What is new?

Released Version	General	PDM	Released Date	Remarks
01 01	x	x	February 2012	Supports not the parameter: Bolt Position
02 01	x	x	February 2012	Supports not the parameter: Bolt Position
04 07	X	X	March 2020	Bug fixing

3.2 Supported Languages
The device EDD supports english

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

3.4 (Un)Installation and configuration
Start your EDD Host 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 EDD Host application can be found in the respective documentation of the application.
Use mouse over for field hints and tooltips.

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

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 (00.00.00)	UIP Changed UIP file count	Remarks (EDD. Attachment, UIP)
Aug. 2016	01.00.00	02 03	ABB_256x256, EDP300_256x256, OI_EDP300-EN-B-04_2016	1.0.9	no	First release UIP: Enhanced Valve Health Diagnostics Features
Aug. 2016	01.01.00	02 04	ABB_256x256, EDP300_256x256, OI_EDP300-EN-B-04_2016	1.0.9	no	Bug fix

4.2   Supported Languages

The device Package supports english

4.3   Requirements

FDI Technology Version 1.x.x

4.4   Import / remove and configuration

Start your EDD Host application and follow the instructions.

4.5   Update- / Upgrade instructions

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 frame application.
Use mouse over 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.

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