

# Driver EDP300 HART PositionMaster Digital Positioner

## Contents

<b>1</b>	<b>Device - Revision Record - What is new?</b> .....	<b>3</b>
1.1	Hardware ID: 008D/1A8D.....	3
1.2	Software/Firmware.....	3
1.3	Device (latest SW compatibility status) .....	3
1.4	Supported devices.....	4
1.5	Cyber Security info .....	4
	1.5.1 ABB recommendation .....	4
	1.5.2 Disclaimer .....	4
1.6	Licensing.....	4
<b>2</b>	<b>DTM (Device Type Manager)</b> .....	<b>5</b>
2.1	DTM (driver) Version record - What is new? .....	5
2.2	Supported Languages .....	5
2.3	Requirements .....	5
	2.3.1 PC-Hardware, Operating system .....	5
	2.3.2 Frame application / compatibility .....	5
2.4	(Un)Installation and configuration .....	6
	2.4.1 Installation.....	6
	2.4.2 Uninstall instructions.....	6
2.5	Update- / Upgrade instructions.....	6
2.6	Known problems and limitations.....	6
2.7	Getting help / further information.....	6
	2.7.1 How to get the latest information & software?.....	6
<b>3</b>	<b>EDD (Electronic Device Description)</b> .....	<b>7</b>
3.1	Supported devices.....	7
3.2	Hash Code .....	7
3.3	EDD Version record - What is new? .....	7
3.4	Supported Languages .....	7
3.5	Requirements .....	7
3.6	Remove / import and configuration .....	7
3.7	Known problems and limitations.....	8
3.8	Getting help / further information.....	8
3.9	How to get the latest information & software? .....	8
<b>4</b>	<b>FDI (Field Device Integration)</b> .....	<b>9</b>
4.1	FDI Device Package Version record - What is new? .....	9
4.2	Supported Languages .....	9
4.3	Requirements .....	9
4.4	Remove / import and configuration .....	9



- 4.5 Update- / Upgrade instructions..... 9
- 4.6 Known problems and limitations..... 9
- 4.7 Getting help / further information..... 10
- 4.8 How to get the latest information & software? ..... 10
- Contacts..... 11**

# 1 Device - Revision Record - What is new?

## 1.1 Hardware ID: 008D/1A8D

Released Revision	Released Date	Remarks
01.00.00	July 2011	First release

## 1.2 Software/Firmware

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
01.03.00	Dec. 2022	Bug Fix, for Device revision 6

## 1.3 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
06	Dec. 2022	Bug Fix

## 1.4 Supported devices

- Electro-Pneumatic Positioner - PositionMaster EDP300

## 1.5 Cyber Security info

### 1.5.1 ABB recommendation

A virus scanner shall be used on all PCs/Notebooks. McAfee VirusScan® Enterprise has been tested and qualified for this purpose.

### 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, 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.

## 1.6 Licensing

The "General terms of license for computer soft-ware utilization" are valid, which can be found by searching on [abb.com](http://abb.com)

## 2 DTM (Device Type Manager)

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

Released Version	Released Date	Released Library/Version	Remarks DTM
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

DTM500

- See DTM500 Supplement Info\*)

#### 2.3.2 Frame application / compatibility

DTM500

- See DTM500 bundle Supplement Info\*)

## 2.4 (Un)Installation and configuration

### 2.4.1 Installation

DTM500

- See DTM500 Bundle Supplement Info\*)

### 2.4.2 Uninstall instructions

DTM500

- See DTM500 Bundle Supplement Info\*)

## 2.5 Update- / Upgrade instructions

DTM500

- 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.

### 2.7.1 How to get the latest information & software?

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

## 3 EDD (Electronic Device Description)

### 3.1 Supported devices

- Electro-Pneumatic Positioner - PositionMaster EDP300

### 3.2 Hash Code

Hash code of 3KXE341300S0003\_EDD\_EDP300\_HART.zip:  
 FC716A119CAEE33DA6AF452FEE7F6769FB92571DB4F56891CFE56616A3EAA9F3

### 3.3 EDD Version record - What is new?

Released Version (Dev Rev)	Released Date	Remarks	Hashcode
01 01	February 2012	Supports not the parameter: Bolt Position	
02 01	February 2012	Supports not the parameter: Bolt position	
04 07	March 2020	Bug fixing	
06 01	December 2022	Bug fixing	Hash Code – SHA 256 – 0601.fm8: 28BB810BFD75DA9EE5059326B5 41437BA969C41B1F62659A93391 12C6103B934

### 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

### **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 frame application.

Use mouse over for field hints and tooltips.

### **3.9 How to get the latest information & software?**

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



## 4 FDI (Field Device Integration)

FDI Package (EDD based)

### 4.1 FDI Device Package Version record - What is new?

Release 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)
Aug. 2016	01.00.00	02 03	ABB_256x256, EDP300_256x256, OI_EDP300-EN-B-04_2016	1.0.9	No	First release
Aug. 2016	01.01.00	02 04	ABB_256x256, EDP300_256x256, OI_EDP300-EN-B-04_2016	1.0.9	No	Bug fix
Dec 2022	06.01.00	06 01	ABB_256x256, EDP300_256x256, OI_EDP300_EN_D.pdf, DS_EDP300_EN_D01.pdf, TD_EDP300_ASSET_MONITORS_EN_A.pdf, TI_EDP300_ED_EN_D.pdf	EDP300_Fast_Trend_UI_P_1.0.5 EDP300 Friction And Stiction_UIP_1.0.3 EDP300_Valve_Health_Wizard_UIP_1.0.8	yes	Bug fix. Supported FIM version >= 2.3, FDI V 1.3.0

### 4.2 Supported Languages

The device package supports English

### 4.3 Requirements

FDI Technology Version 1.2.0

### 4.4 Remove / import 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](http://www.abb.com/measurement)

# Contacts

—

## **ABB Measurement & Analytics**

For your local ABB contact,

visit: [abb.com/contacts](https://abb.com/contacts)

For more product information,

visit: [abb.com/measurement](https://abb.com/measurement)

Supplementary Information | 3KXe341301r3901 Rev. j

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail.

ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB.

**Copyright© 2022 ABB**

All rights reserved