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SUPPLEMENTARY INFORMATION | 3KXP240101R3901 REV. C

Driver Pxx100 HART Pressure 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: 1A91

Released Revision	Released Date	Remarks
01.00.01	March 2020	First release

1.2 Software/Firmware

Released Revision	Released Date	Remarks
145.01.01	March 2020	First release

1.3 Device (latest SW compatibility status)

Released Revision	Released Date	Remarks
01	March 2020	First release

1.4 Supported devices

Absolute and Gauge Pressure Transmitter models PAS100 and PGS100.

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.

1.6 Licensing

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

2 DTM (Device Type Manager)

2.1 Supported devices

Device name: PGS100 , PAS100

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

Released Version	Released Date	FDI Base EDD	Remarks DTM
07.01.01	Jun. 2020	01.01.00 0101	First release Part of the DTM700
07.01.02	Jun. 2021	01.01.00 0101	Second release Enhancements of Import Export and Print UIP

The device DTM supports the standard FDT 1.2 / 1.2.1.

2.3 Supported Languages

The device DTM supports English

2.4 Requirements

2.4.1 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 sup-ported)
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

2.4.2 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.

2.5 (Un)Installation and configuration

2.5.1 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>:\..\3KXP240100S0202_DTM_Pxx100_HART.zip\3KXP240100S0202_DTM_Pxx100_HART\MID-001A_DID-1A91\Revision_07.01.02\DTMPxx100HART.exe
– Follow the instructions.

2.5.2 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

2.6 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 http://www.abb.com/Fieldbus

2.7 Known problems and limitations

DTM500
- None

DTM700
- **Limitation**: DTM connection states are not updated – Communication DTM shall provide updated communication states on disturbed, aborted, standby, connected, disconnected
  Work-Around: Writing any parameter value from DTM will display Error icon on control "?". By going offline and online over FDT host connection state is updated.
- DTM is not tested with Symphony Harmony due to FDT issue – working with Harmony team to resolve

2.8 Getting help / further information

Help concerning the integration of the DTM in the FDT frame application can be found in the respective documenta-tion of the frame application.

2.8.1 How to get the latest information & software?

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

2.9 Licensing the DTM

DTM500
See DTM500 Bundle Supplement Info*)

DTM700
none

3 EDD (Electronic Device Description)

3.1 EDD Version record - What is new?

Released Version (Dev Rev)	Released Date	Remarks
01 01	April 2020	First release

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 Remove / import 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 frame 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), Winx	UIP Changed UIP file count	Remarks (EDD. Attachment, UIP)
April 2020	01.01.00	01 01	ABB_Pxx100_256x256.png OI_PGS_PAS-EN_A.pdf	Channel_Partner_QR_Code.1.0.7.uip, Win10	yes	First release

4.2 Supported Languages

The device package supports English

4.3 Requirements

FDI Technology Version 1.x.x

4.3.1 EDD Host application / compatibility

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

UIP's will work with FIM 1.4 only.

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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