Supplementary Information
3KIT167301R3901 Rev. A

Driver 600T (61xx_62xx)-HART
Pressure and Level Transmitter

Content

1   Device - Revision Record / What is new?

1.1   Hardware

Released Revision	Released Date	Remarks
01.00	15.01.1993	First release

1.2   Software

Released Revision	Released Date	Remarks
01.00	15.01.1993	First release
02.00	01.12.1993	Bugfix
03.00	21.04.1995	General improvements
04.00	01.09.1998	New Functionality

2   DTM - Engineer IT Device Type Manager

2.1   Supported devices

– 600T Series Pressure Transmitters 61xx-62xx-HART
  - Differential Pressure
  - Gauge Pressure
  - Absolute Pressure

2.2   DTM Version record / What is new?

– DTM 600T-HART Version 01.00.01
  Compatible to FDT 1.2 frame applications.

Released Version	Released Date	Remarks
01.00.00	10.01.2000	First release
01.00.01	18.03.2004	General improvements

2.3   Requirements

2.3.1   PC-Hardware, Operating system

– Minimum requirement
  Intel Pentium III Processor 450 MHz or compatible.
  256 MB RAM memory.
  300 MB free hard disk space.
  Windows 2000 / XP.
  Internet Explorer 5.0.
  Adobe Reader latest version
  full administrator rights

– The ABB FDT 1.2 DTM 600-HART is released for Windows 2000
  and Windows XP (Home / Professional) as PC / Notebook installa-
  tion.

2.3.2   Frame application / compatibility

– The ABB FDT 1.2 DTM 600-HART is released for DSV401
  (SMART VISION) Release 3.
– The FDT compatibility was tested with the dtmINSPECTOR Rev.
  1.01.21.

Therefore the ABB DTM should be usable in all Frame Applications
according the requirements of FDT 1.2.
Please read also the respective Frame Application documentation.

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2.3.3 Software package contents
The setup files are in the respective DTM sub directory.
– setup.exe

2.4 Installation and configuration
2.4.1 Installation
– Make sure that the minimum hardware requirements are met.
– Start Windows (with administrator rights!).
– Cancel all running programs.
– Insert CD-ROM.
– Start "Setup.exe" in the DTM\DTM 600T-HART for 61xx-62xx directory of the CD or in the folder you choosed for the software uploaded from the Internet.
– Follow the instructions.

2.4.2 Installed files
– For uninstalling in the operating system: Start-> Settings -> Control Panel -> Add/Remove Programs -> Install/Uninstall" -> Select the DTM and Uninstall.
In any case first uninstall all DTMs before uninstalling the frame application SMART VISION

2.5 Update- / Upgrade instructions
– Uninstallation is not needed before update / upgrade. It can be handled like a new installation, existing projects will be kept.
– Hints regarding new versions may be found under http://www.abb.com/Fieldbus

2.6 Known problems and limitations
– The dialouge language is available in English only.
– If starting of a DTM fails with a runtime error 6 which occurs together with a control SV4_digital.OCX, the PC needs to reboot.
– In the Menù "Configure", it appears always the selection "Differential Pressure Measurement" also when the connected transmitter is not a Differential Model
– The Readme file is not visible from the "Help" Menù

2.7 Getting help / further information
– Press 'F1' for online help. Help concerning the implementation of the DTM in the FDT Frame Application (e.g. SMART VISION, ...) can be found in the respective documentation.

Hints regarding commissioning
– When a device has been connected for the first time, and an upload was done, it is recommended to save all data using the menu file/save as dataset. (database suffix *.dat)
– Initialisation of the DTM for the 600T:
For starting the DTM, the DTM for the 600T as HART device has to be used when creating the project tree. For initialisation the point "More" has to be selected in the menu under "Device". Depending on the operating speed of the PC this could take some seconds.
– Configuration of the 600T:
The DTM is started by clicking the right mouse key or via the menu point "Device", in each case with "Edit". After a "Connection set-up" first all the data of the device are loaded completely. Changed data are displayed in blue and underligned. Using the command "Save data to device" these data will be sent to the device.

2.8 How to get the Software (driver)?
Please use one of the following ways to get the Software (driver):

- Available on the newest DTM & DSV401 (SMART VISION) CD-ROM
- As download from http://www.abb.com/Fieldbus
->[select Fieldbus protocol]
->[select field device]
->[select device group / name]
use link read more / downloads
-> go to flag "Fieldbus & HART Files"
- The Aspect Object (*.afw) online file contains all driver and information. For the *.afw file
-> go to flag "Downloads"

2.9 Licensing the DTM
– The DTM is usable unlimited without any license in every Frame Application

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http://www.abb.com/instrumentation

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