Driver type ABB DTM700
General information of FDI Interpreted DTM

Contents

*) The individual device type driver Supplement Information & Software is available on the data medium or published on www.abb.com/fieldbus

1   DTM700 - Device Type Manager

1.1   Device - Revision Record - What is new?

1.1.1   Hardware, Software, Firmware

See the respective device driver Supplement-Information*)

1.2   Supported devices

Type "ABB DTM700" is the name of the FDI interpreted field device driver for HART, PROFIBUS and Foundation Fieldbus. The following supplementary information refers to all DTM700.

1.3   DTM700 general version desription

Released Version	Released Date	Version of released, interpreted FDI-Package	Remarks
07.XX.YY 07 = fix, xx = device, yy = version	January 2020	NN.MM.OO	First release

1.4   Requirements

1.4.1   PC-Hardware, Operating system

Minimum requirement

- Member of the "Administrators" group
- 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 supported)
- Microsoft .NET Framework 4.6.1
- Microsoft Visual C++ 2015 Redistributables - 14.0.23026
- Microsoft Internet Explorer 11.0 or higher
- Adobe Reader latest version

1.4.2   Frame application / compatibility

The FDT compatibility testing can be checked on need basis dtmINSPECTOR.

Therefore, the type ABB DTM700 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.

1.5   Installation and configuration

1.5.1   Installation

- 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:
  DTM zip file \Revxx.yy.zz\ABB DTM DeviceTypeName.exe with right hand MouseClick and "run as Administrator"

- Follow device specific instructions.

1.5.2   Uninstall instructions

- In the operating system: Start -> Settings -> Control Panel

  ➜ Add/Remove Programs -> Select the ABB DTM DeviceTypeName and Uninstall.

1.6   Update- / Upgrade instructions

- Uninstallation is not required before update / upgrade. It can be handled like a new installation existing projects will be retained.

- Hints regarding new versions may be found under www.abb.com/Fieldbus

1.7   Known problems and limitations

In addition to the specific hints in the respective device driver Supplement-Information*) the general hints are attached.

1.8   Getting help / Additional information

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

1.9   How to get the latest information & software?

- The latest DTM700 Supplement Information is available on www.abb.com/fieldbus

- Enter in the search field following No. "3KXD801700R3901".

- For the single device driver see the respective Supplement Information & Software*)

1.10   Licensing the DTM driver

- The type ABB DTM700 is usable without any license in any frame application.

- After installation the type ABB DTM700 runs 90-days in demo mode (full functionality) and needs to be purchased within this period, if the storage of data being requested.

Contacts

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