

Driver AWT420 HART

Continuous Liquid Analyzer

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*) 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: 1A35

Released Revision	Released Date	Remarks
03	Nov. 2018	First release
05	September 2019	Ethernet Support

1.2 Software/Firmware

Released Revision	Released Date	Remarks
01.00.00	Nov. 2018	First release
01.01.00	May 2021	Support for Turbidity Sensor Module Additional HART Capabilities
01.02.xx	October 2022	Addition of ACL420 and Universal input module support

1.3 Device (latest SW compatibility status)

Released Revision	Released Date	Remarks
01	Nov. 2018	First release
02	May 2021	HART Support for Turbidity Module Additional HART Functionality – Sensor Config

1.4 Supported devices

Continuous Liquid Analyzer AWT420 with HW Version 03, 05, SW Version 01.00.00 or higher and Device revision 01 or higher.

1.5 Cyber Security info

1.5.1 ABB recommendation

It is recommended to use at least an anti-malware solution wherever the product is deployed.

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 find by searching on abb.com

2 DTM (Device Type Manager)

2.1 Supported Devices

NA

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

2.2.1 Device Type ID: 1A93

Released Version	Released Date	DTM LIBRARY Version	Remarks DTM
NA			

2.3 Supported Languages

NA

2.4 Requirements

2.4.1 PC-Hardware, Operating system

NA

2.4.2 Frame application / compatibility

NA

2.5 (Un)Installation and configuration

2.5.1 Installation

NA

2.5.2 Uninstall instructions

NA

2.6 Update- / Upgrade instructions

NA

2.7 Known problems and limitations

NA

2.8 Getting help / further information

NA

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

3 EDD (Electronic Device Description)

3.1 Supported devices

- Continuous Liquid Analyzer AWT420

3.2 Hash Code

Hash code of 3KXA877420S0003_EDD_AWT420_HART.zip

6F4D8870398F12EE182A4267173D94EDA9719EAD677114323D4B152D3BD8266C

3.3 EDD Version record - What is new?

3.3.1 Device Type ID: 1A35

Released Version (Dev Rev)	Released Date	Remarks	Hashcode
01 02	August 2019	First release (General FDI) registered	Hashcode for 0102.fm8 36204F2236B5B545E36C4909572F0671C95F576 EE3F5FFD3B4E3C4144F6984D3
02 01	June 2021	First release registered	Hashcode for 0201.fm8 E48DE373F7DD29B7B26DE101CAB4A9499C7F9 7115A12D275783BB37340326CCA

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 (Un)Installation and configuration

Start your EDD Host application and follow the instructions.

3.7 Known problems and limitations

None known

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 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

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)
Aug. 2019	01.00.01	01 02	AWT420_256x256.PNG, OI_AWT420_EN_Rev_A.PDF, 1A3501_fdi.PDF	none	no	First release registered
June 2021	02.01.00	02 01	AWT420_256x256.PNG, OI_AWT420_EN_D.PDF, 1A3502_fdi.PDF	None	No	release registered

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

Upload FDI-Package (FDIX)

4.6 Known problems and limitations

None known

4.7 Getting help / further information

Help concerning the integration of the Package in the FDI frame application can 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

Contacts

www.abb.com/measurement

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