Driver AWT420 DP
Continuous Liquid Analyzer

Contents

1 Device - Revision Record - What is new? ................................................................. 2
  1.1 Hardware ID: 3405 ....................................................................................... 2
  1.2 Firmware ........................................................................................................ 2
  1.3 Device (latest SW compatibility status) ....................................................... 2
  1.4 Supported devices ..................................................................................... 2
  1.5 Cyber Security info .................................................................................. 2
  1.5.1 ABB recommendation ........................................................................ 2
  1.6 Licensing .................................................................................................... 2

2 EDD (Electronic Device Description) ................................................................. 3
  2.1 EDD Version record - What is new? ......................................................... 3
  2.2 Supported Languages ............................................................................... 3
  2.3 Requirements ............................................................................................ 3
  2.4 Remove / import and configuration .......................................................... 3
  2.5 Known problems and limitations .............................................................. 3
  2.6 Getting help / further information ............................................................ 3
  2.7 How to get the latest information & software? ......................................... 3

3 GSD .................................................................................................................. 4
  3.1 Supported devices .................................................................................... 4
  3.2 GSD Version record / What is new? ......................................................... 4
  3.3 Requirements ............................................................................................ 4
  3.3.1 Interpreter / compatibility ................................................................. 4
  3.4 Installation and configuration ................................................................. 4
  3.5 Known problems and limitations .............................................................. 4
  3.6 Getting help / further information ............................................................ 4
  3.7 How to get the latest information & software? ......................................... 4

4 FDI (Field Device Integration) ......................................................................... 5
  4.1 FDI Device Package Version record - What is new? .............................. 5
  4.2 Supported Languages ............................................................................... 5
  4.3 Requirements ............................................................................................ 5
  4.3.1 EDD Host application / compatibility ............................................. 5
  4.4 Remove / import and configuration .......................................................... 5
  4.5 Update- / Upgrade instructions ................................................................. 5
  4.6 Known problems and limitations .............................................................. 5
  4.7 Getting help / further information ............................................................ 5
  4.8 How to get the latest information & software? ......................................... 5

Contacts ........................................................................................................... 6

*) 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: 3405

<table>
<thead>
<tr>
<th>Released Revision</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>03.00.00</td>
<td>July 2019</td>
<td>First release</td>
</tr>
</tbody>
</table>

1.2 Firmware

<table>
<thead>
<tr>
<th>Released Revision</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.00.28</td>
<td>July 2019</td>
<td>First release</td>
</tr>
</tbody>
</table>

1.3 Device (latest SW compatibility status)

<table>
<thead>
<tr>
<th>Released Revision</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>July 2019</td>
<td>First release</td>
</tr>
<tr>
<td>01</td>
<td>January 2020</td>
<td>Bug Fix</td>
</tr>
</tbody>
</table>

1.4 Supported devices

PROFIBUS DP Liquid Analytical Transmitter AWT420 with HW Version 01.00.00, SW Version 00.00.09 and Device revision 00 or higher.

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 EDD (Electronic Device Description)

2.1 EDD Version record - What is new?

<table>
<thead>
<tr>
<th>Released Version (Dev Rev)</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 01</td>
<td>January 2020</td>
<td>First release PDM only</td>
</tr>
</tbody>
</table>

2.2 Supported Languages
The device EDD supports English

2.3 Requirements
Compatible to IEC61804-3, -4, -5 Electronic Device Description Language (EDDL)

2.4 Remove / import and configuration
Start your EDD Host application and follow the instructions.

2.5 Known problems and limitations
None known

2.6 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.

2.7 How to get the latest information & software?
The latest device driver Supplement Info & software (driver) is available on www.abb.com/measurement
3  GSD

3.1  Supported devices
Liquid Analyzer Transmitter: AWT420 DP

3.2  GSD Version record / What is new?
ABB.3405.GSD

<table>
<thead>
<tr>
<th>Released Version</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>00.01.00</td>
<td>July 2019</td>
<td>First Release</td>
</tr>
</tbody>
</table>

3.3  Requirements

3.3.1  Interpreter / compatibility

3.4  Installation and configuration
Start your Frame 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 frame application can be found in the respective documentation of the frame application.

3.7  How to get the latest information & software?
The latest device driver Supplement Info & software (driver) is available on www.abb.com/fieldbus

- latest information [field device protocol dependent]
- latest info (download) [device type dependent]
  - Driver description
  - Software [driver type dependent]
4 FDI (Field Device Integration)

FDI Package (EDD based)

4.1 FDI Device Package Version record - What is new?

<table>
<thead>
<tr>
<th>Released Date</th>
<th>Package Version EDD Released Version (Dev Rev)</th>
<th>Attachment (revision)</th>
<th>UIP Released Version (00.00.00), Winx</th>
<th>UIP Changed UI file count</th>
<th>Remarks (EDD, Attachment, UIP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan. 2020</td>
<td>01.00.00</td>
<td>ABB_256x256.png, ABB_3405.gsd, CI_AWT420_EN_B.pdf, COM_AWT420_PROFINBUS_EN_A.pdf, OI_AWT420_EN_B.pdf</td>
<td>none</td>
<td>no</td>
<td>First release</td>
</tr>
</tbody>
</table>

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

None known

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/analytical