Driver TTx300-N NINVA
Non-invasive temperature measurement

Contents

1 Device - Revision Record - What is new? ................................................................. 2
   1.1 Device Type ID: 1A0E ................................................................................. 2
   1.2 Device Type ID: 1A4E ................................................................................. 3
   1.3 Cyber Security info ..................................................................................... 3
   1.4 Licensing ..................................................................................................... 3

2 DTM (Device Type Manager) .............................................................................. 4
   2.1 DTM (driver) Version record - What is new? .................................................. 4
   2.2 Supported Languages .................................................................................. 4
   2.3 Requirements .............................................................................................. 4
   2.4 (Un)Installation and configuration ................................................................. 4
   2.5 Update / Upgrade instructions ..................................................................... 4
   2.6 Known problems and limitations ................................................................ 4
   2.7 Getting help / further information .............................................................. 5

3 EDD (Electronic Device Description) ................................................................. 5
   3.1 Supported devices....................................................................................... 5
   3.2 EDD Version record - What is new? ............................................................. 5
   3.3 Supported Languages ................................................................................ 6
   3.4 Requirements ............................................................................................. 6
   3.5 Remove / import and configuration ............................................................... 6
   3.6 Known problems and limitations ................................................................. 6
   3.7 Getting help / further information .............................................................. 6

4 FDI (Field Device Integration) ........................................................................... 7
   4.1 FDI Device Package Version record - What is new? ....................................... 7
   4.2 Supported Languages .................................................................................. 7
   4.3 Requirements .............................................................................................. 7
   4.4 Remove / import and configuration ............................................................... 8
   4.5 Update / Upgrade instructions .................................................................... 8
   4.6 Known problems and limitations ................................................................. 8
   4.7 Getting help / further information .............................................................. 8

5 How to get the latest information & software? .................................................... 8

Contacts ............................................................................................................. 9

*) DTMS00 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 Device Type ID: 1A0E

1.1.1 Hardware

<table>
<thead>
<tr>
<th>Released Revision</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.07</td>
<td>Dec. 2012</td>
<td>First release with TSP341-N in June 2018</td>
</tr>
</tbody>
</table>

1.1.2 Software

<table>
<thead>
<tr>
<th>Released Revision</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.04.02</td>
<td>May 2018</td>
<td>First release</td>
</tr>
</tbody>
</table>

1.1.3 Device (latest SW compatibility status)

<table>
<thead>
<tr>
<th>Released Revision</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>May 2018</td>
<td>First release with Software version 01.04.xx</td>
</tr>
</tbody>
</table>

1.1.4 Supported devices

Temperature Sensor TSP341-N
1.2 Device Type ID: 1A4E

1.2.1 Hardware

<table>
<thead>
<tr>
<th>Released Revision</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>02.00</td>
<td>September 2022</td>
<td>First release, new electronics platform</td>
</tr>
</tbody>
</table>

1.2.2 Software

<table>
<thead>
<tr>
<th>Released Revision</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.00.00</td>
<td>September 2022</td>
<td>First release with new electronics platform</td>
</tr>
</tbody>
</table>

1.2.3 Device (latest SW compatibility status)

<table>
<thead>
<tr>
<th>Released Revision</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>September 2022</td>
<td>First release with new electronics platform</td>
</tr>
</tbody>
</table>

1.2.4 Supported devices

- Temperature Transmitter Head-mount TTH300-N
- Temperature Transmitter Field-mount TTF300-N
- Temperature Sensor TSP341-N

1.3 Cyber Security info

1.3.1 ABB recommendation

A virus scanner shall be used on all PCs/Notebooks. McAfee VirusScan® Enterprise has been tested and qualified for this purpose.

1.4 Licensing

The “General terms of license for computer soft-ware utilization” are valid, which can be found by searching on abb.com
2 DTM (Device Type Manager)

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

<table>
<thead>
<tr>
<th>Device Type ID: 1A0E</th>
<th>Released Version</th>
<th>Released Date</th>
<th>DTM LIBRARY Version</th>
<th>Remarks DTM</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>05.00.00</td>
<td>July 2018</td>
<td>≥ 05.05.00 /</td>
<td>First release, HART7</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>≥ 05.00.22</td>
<td>Part of the DTM500 Bundle/Library</td>
</tr>
</tbody>
</table>

The device DTM supports the standard FDT 1.2 / 1.2.1.

2.2 Supported Languages

The device DTM supports English, German.

2.3 Requirements

2.3.1 PC-Hardware, Operating system

See DTM500 Bundle Supplement Info*)

2.3.2 Frame application / compatibility

See DTM500 Bundle Supplement Info*)

2.4 (Un)Installation and configuration

2.4.1 Installation

See DTM500 Bundle Supplement Info*)

2.4.2 Uninstall instructions

See DTM500 Bundle Supplement Info*)

2.5 Update- / Upgrade instructions

See DTM500 Bundle Supplement Info*)

2.6 Known problems and limitations

Additionally to the common hints in the DTM500 Bundle Supplement Info*) attached the device driver specific hints.

None known
2.7 Getting help / further information

Press 'F1' for DTM online help.

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

3 EDD (Electronic Device Description)

3.1 Supported devices

Temperature Sensor TSP341-N

3.2 EDD Version record - What is new?
3.2.1 Device Type ID: 1A0E

<table>
<thead>
<tr>
<th>Released Version (Dev Rev)</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 02</td>
<td>July 2018</td>
<td>First release, HART7</td>
</tr>
</tbody>
</table>

3.2.2 Device Type ID: 1A4E

<table>
<thead>
<tr>
<th>Released Version (Dev Rev)</th>
<th>Released Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>03 01</td>
<td>Aug 2022</td>
<td>First release, TTx300-N NINVA (New electronics platform)</td>
</tr>
</tbody>
</table>

3.3 Supported Languages

The device EDD supports English, German

3.4 Requirements

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

3.5 Remove / import and configuration

Start your EDD Host application and follow the instructions.

3.6 Known problems and limitations

None

3.7 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.
4 FDI (Field Device Integration)
FDI Package (EDD based)

4.1 FDI Device Package Version record - What is new?

4.1.1 Device Type ID: 1A0E

<table>
<thead>
<tr>
<th>Released Date</th>
<th>Package Version</th>
<th>EDD Released Version (Dev Rev)</th>
<th>Attachment (revision)</th>
<th>UIP Released Version (00.00.00), Winx</th>
<th>UIP Changed UIP file count</th>
<th>Remarks (EDD, Attachment, UIP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 2018</td>
<td>01.00.00</td>
<td>01 01</td>
<td>OI TSP341-N EN A01.PDF, OI TSP341-N DE A02.PDF, OI TTH300-N DE A02.PDF, OI TTH300-N EN A02.PDF</td>
<td>none</td>
<td>no</td>
<td>First release, HART7</td>
</tr>
</tbody>
</table>

4.1.2 Device Type ID: 1A4E

<table>
<thead>
<tr>
<th>Released Date</th>
<th>Package Version</th>
<th>EDD Released Version (Dev Rev)</th>
<th>Attachment (revision)</th>
<th>UIP Released Version (00.00.00), Winx</th>
<th>UIP Changed UIP file count</th>
<th>Remarks (EDD, Attachment, UIP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug 2022</td>
<td>03.01.00</td>
<td>03 01</td>
<td>OI TSP341-N EN A01.PDF, OI TSP341-N DE A02.PDF</td>
<td>none</td>
<td>no</td>
<td>First release, TTx300-N NINVA (New electronics platform)</td>
</tr>
</tbody>
</table>

4.2 Supported Languages
The device package supports
English, German

4.3 Requirements
FDI Technology Version 1.x.x
EDD Host application / compatibility
4.4 Remove / import and configuration
Start your EDD Host application and follow the instructions.

4.5 Update / Upgrade instructions
No

4.6 Known problems and limitations
None

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.

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

ABB Measurement & Analytics
For your local ABB contact,
visit: abb.com/contacts
For more product information,
visit: www.abb.com/temperature

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail.

ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB.

Copyright© 2022 ABB
All rights reserved