

## Overview of the software versions

### VEGAPOINT 21/23/31

Three-wire transistor (inclusive IO-Link)

| Version, available since | Description   | Device Rev. |
|--------------------------|---|-------------|
| 1.4.1<br>02/2021         | <p><b>New functions:</b></p> <ul style="list-style-type: none"> <li>– None</li> </ul> <p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>– Connection setup via Bluetooth with locked sensor was no longer possible if working with DTM versions 1.85 and 1.86. Concerns software versions 1.3.0 and 1.4.0.</li> </ul>   | 2           |
| 1.4.0<br>12/2020         | <p><b>New functions:</b></p> <ul style="list-style-type: none"> <li>– For individual signalling of the LED display, the <b>flashing</b> option has been added</li> <li>– The connection via Bluetooth to the device is indicated by <b>4 times flashing blue</b></li> </ul> <p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>– While setting the switching output: <ul style="list-style-type: none"> <li>- Switching delay &gt; 0 s</li> <li>- Switch back delay = 0 s</li> </ul> the switching command was not implemented on the output.</li> </ul> | 2           |
| 1.3.0<br>09/2020         | <p><b>New functions:</b></p> <ul style="list-style-type: none"> <li>– Bluetooth transmission will be encrypted</li> </ul> <p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>– IO-Link communication Communication may freeze when establishing a connection</li> </ul>  | 1           |
| 1.2.0<br>08/2020         | <p><b>New functions:</b></p> <ul style="list-style-type: none"> <li>– Extensions for VEGAPOINT 11 IO-Link</li> </ul> <p>This software version is not used with VEGAPOINT 21/23/31.</p>  | 1           |
| 1.1.1<br>05/2020         | <p><b>New functions:</b></p> <ul style="list-style-type: none"> <li>- None</li> </ul> <p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>– Switching output can alternate if delay time = 0 s and the measured value lies between the switching points</li> </ul>  | 1           |
| 1.1.0                    | <p><b>New functions:</b></p>  | 1           |

## Overview of the software versions

| Version, available since | Description  | Device Rev. |
|--------------------------|--|-------------|
| 1.4.1<br>02/2021         | <p><b>New functions:</b></p> <ul style="list-style-type: none"> <li>– None</li> </ul> <p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>– Connection setup via Bluetooth with locked sensor was no longer possible if working with DTM versions 1.85 and 1.86. Concerns software versions 1.3.0 and 1.4.0.</li> </ul>  | 2           |
| 1.4.0<br>12/2020         | <p><b>New functions:</b></p> <ul style="list-style-type: none"> <li>– For individual signalling of the LED display, the <b>flashing</b> option has been added</li> <li>– The connection via Bluetooth to the device is indicated by <b>4 times flashing blue</b></li> </ul> <p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>– While setting the switching output: <ul style="list-style-type: none"> <li>- Switching delay &gt; 0 s</li> <li>- Switch back delay = 0 s</li> </ul> the switching command was not implemented on the output.</li> </ul>  | 2           |
| 12/2019                  | <ul style="list-style-type: none"> <li>– Extension of the output settings by the window functionality in addition to the hysteresis function</li> <li>– Availability of the measuring cell temperature via adjustment tools DTM, App and IO-Link</li> <li>– Software update via Bluetooth</li> <li>– Additional parameters provided via IO-Link</li> <li>– Extension of the colour setting for signalling</li> </ul> <p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>– Adaptation of the IO-Link process word</li> <li>– Optimization of Bluetooth communication</li> <li>– Adaptations to the adjustment with medium <ul style="list-style-type: none"> <li>– only two points necessary for adjustment</li> </ul> </li> </ul> |             |
| 1.0.1<br>06/2019         | <p><b>New functions:</b></p> <ul style="list-style-type: none"> <li>– None</li> </ul> <p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>– The connection setup via Bluetooth was partially not possible or connection breakdowns could occur during communication <ul style="list-style-type: none"> <li>– Adaptation of the communication timeout</li> </ul> </li> <li>– The device TAG was not displayed when connecting via Bluetooth (Advertising)</li> </ul>  | 1           |
| 1.0.0,<br>05/2019        | <p><b>First version</b></p> <p><b>New functions:</b></p> <ul style="list-style-type: none"> <li>– Measurement function:</li> </ul>   | 1           |

## Overview of the software versions

| Version, available since | Description   | Device Rev. |
|--------------------------|---|-------------|
| 1.4.1<br>02/2021         | <p><b>New functions:</b></p> <ul style="list-style-type: none"> <li>– None</li> </ul> <p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>– Connection setup via Bluetooth with locked sensor was no longer possible if working with DTM versions 1.85 and 1.86. Concerns software versions 1.3.0 and 1.4.0.</li> </ul>   | 2           |
| 1.4.0<br>12/2020         | <p><b>New functions:</b></p> <ul style="list-style-type: none"> <li>– For individual signalling of the LED display, the <b>flashing</b> option has been added</li> <li>– The connection via Bluetooth to the device is indicated by <b>4 times flashing blue</b></li> </ul> <p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>– While setting the switching output: <ul style="list-style-type: none"> <li>- Switching delay &gt; 0 s</li> <li>- Switch back delay = 0 s</li> </ul> the switching command was not implemented on the output.</li> </ul> | 2           |
|                          | <ul style="list-style-type: none"> <li>– Determination of the switching point by means of high-frequency capacitance determination</li> <li>– Instrument software, in general: <ul style="list-style-type: none"> <li>– Device status according to NE107</li> <li>– Pointer</li> </ul> </li> <li>– IO-Link 1.1 communication</li> <li>– Adjustment via Bluetooth 5.0</li> </ul>   |             |

### Legend:

| Name            | Description   |
|-----------------|---|
| Version         | xx.yy.zz<br>xx: Compatibility version. Will be increased when the compatibility to the previous version is no longer given. Value range 0 ... 99.<br>yy: Function extension version. Will be increased when new functions or function changes were carried out on the previous version. Also errors can have been corrected with a function change. Value range 0 ... 99.<br>zz: Error correction version. Will be increased when only errors were corrected on the previous version. Value range 0 ... 99. |
| available since | Month/Year  |
| Device Rev.     | Version number of the instrument defined by Fieldbus.<br>Consecutive integral number<br>Will be increased if in the "Application Layer" modifications were carried out, e.g. new commands, modifications in the data structure in a command.  |