

## VEGAMET 841 / 842 / 861 / 862

Version, available since	Description	Device Rev.
<b>1.16.0</b> <b>11/2021</b>	<p><b>New functions:</b></p> <ul style="list-style-type: none"> <li>- Additional HART units</li> </ul> <p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>- Bluetooth: Optimization when using smartphones. It could happen that end devices established a connection in the background and thus VEGAMET was no longer accessible for other Bluetooth end devices.</li> <li>- Radiometric VEGA HART sensors were not detected in HART mode</li> </ul>	-
<b>1.15.0</b> <b>03/2021</b>	<p><b>New functions:</b></p> <ul style="list-style-type: none"> <li>- Instrument software, in general:                             <ul style="list-style-type: none"> <li>- Coloured status display depending on NAMUR NE107 status, measured value or relay status</li> <li>- Status display can optionally flash in an individual colour or be permanently illuminated</li> <li>- Status indicator flashes 4x blue after establishing connection via Bluetooth</li> </ul> </li> </ul> <p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>- On-site adjustment:                             <ul style="list-style-type: none"> <li>- NAMUR NE107 status "Out of specification" and "Maintenance required" of VEGA HART sensor were shown as "Function control" status</li> <li>- The menu Measuring point 2 - Activate/Deactivate could be executed despite activated access protection</li> </ul> </li> <li>- In general                             <ul style="list-style-type: none"> <li>- When simulating the relay or current output, the NAMUR NE107 status was not set to "Function control".</li> <li>- VEGAMET 861/862: For measured value recordings of the filling height with sensor values in the unit "inch", the filling height was recorded in the unit "m" instead of "inch"</li> </ul> </li> </ul>	-
<b>1.12.0</b> <b>11/2020</b>	<p><b>New functions:</b></p> <ul style="list-style-type: none"> <li>- Instrument software, in general:                             <ul style="list-style-type: none"> <li>- Analog inputs 1 and 2 are no longer permanently assigned to measuring point 1 and 2</li> </ul> </li> </ul>	-

## Overview of the software versions

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	<ul style="list-style-type: none"> <li>- The internal measured value memory can be copied automatically, time-controlled to the SD card</li> <li>- Totalizers can additionally be reset via digital input and/or time-controlled</li> <li>- Recording of the internal measured value memory is paused during a stop condition and continued again when the start condition occurs</li> <li>- New arithmetic functions sum and averaging for measuring point 3</li> <li>- A maintenance requirement message "Inconsistent software configuration" is displayed if the main, Bluetooth and display controller software do not match</li> <li>- Totalizer 5/6 added for measuring point 3</li> <li>- Function pump monitoring with pump availability added</li> <li>- Storage capacity of internal memory increased (24 hours possible in 1 s intervals, previously only 19 hours)</li> <li>- On-site adjustment:               <ul style="list-style-type: none"> <li>- Measured value indication Measured value display increased from 5 to 7 digits</li> <li>- New menu languages (Portuguese, Russian, Japanese, Chinese, Turkish)</li> <li>- Menu: Format SD card added</li> <li>- Menu: Copy SD card, progress bar added</li> <li>- Menu: Sensor input</li> </ul> </li> <li>- Bluetooth communication:               <ul style="list-style-type: none"> <li>- Additional encryption of data transmitted via Bluetooth</li> </ul> </li> </ul> <p><b>Error corrections:</b></p> <ul style="list-style-type: none"> <li>- On-site adjustment:               <ul style="list-style-type: none"> <li>- Copy to SD card" menu Copy end is now reported correctly</li> <li>- If the scaling unit "Density" is selected, this no longer leads to a restart of the device</li> <li>- If the measured value display "Percent" or "Lin. Percent" is selected and the display format is set to "Automatic", the display is no longer limited at 100.00 %</li> <li>- With the sensor unit "ft" the filling height was displayed incorrectly</li> <li>- Minor error removed in the menu</li> </ul> </li> <li>- In general               <ul style="list-style-type: none"> <li>- Device clock: For devices with inaccurate crystal frequency, the inaccuracy is compensated by software</li> </ul> </li> </ul>	
<b>1.0.0</b> <b>01/2020</b>	<p><b>First sales version</b></p> <p><b>New functions:</b></p> <ul style="list-style-type: none"> <li>- Instrument software, in general:               <ul style="list-style-type: none"> <li>- Software update via DTM</li> <li>- Protection of the parameter adjustment</li> <li>- Bluetooth access code can be modified</li> </ul> </li> </ul>	-

## Overview of the software versions

Version, available since	Description	Device Rev.
	<ul style="list-style-type: none"> <li>- Copy function measured value memory (device) on SD card</li> <li>- Scaling units MGal and user-defined are supported</li> <li>- On-site adjustment:               <ul style="list-style-type: none"> <li>- Measured value indication Up to 3 measured value indications are supported</li> <li>- Measurement reliability is available as display value</li> <li>- Distance value is displayed as default value in the measured value image (instead of filling height)</li> <li>- NAMUR state presentation was improved</li> <li>- New menu items: Simulation, date time</li> <li>- Diagnosis menu was improved</li> </ul> </li> </ul>	
<b>0.9.0</b> <b>05/2019</b>	<b>Software version for field test devices</b> <ul style="list-style-type: none"> <li>- Devices cannot be updated with DTM</li> <li>- No adjustment with VEGA Tools app</li> <li>- Adjustment only with VEGA DTM Collection 05/2019</li> </ul>	-

## Overview of the software versions

### Legend:

Name	Description
Version	xx.yy.zz xx: Compatibility version. Will be increased when the compatibility to the previous version is no longer given. Value range 0 ... 99. 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. 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. Consecutive integral number Will be increased if in the "Application Layer" modifications were carried out, e.g. new commands, modifications in the data structure in a command.