

VEGAMET 391

Version, available since	Description
1.61.0, 12/2022	<p>New functions:</p> <ul style="list-style-type: none"> – Scaling unit "mNN" was renamed "müNHN" – On-site adjustment: When entering the relay switching points with Basic value "Scaled", two decimal places can be edited. <p>Error corrections:</p> <ul style="list-style-type: none"> – Real-time clock accuracy improved
1.60.1, 08/2016	<p>Error corrections:</p> <ul style="list-style-type: none"> – Communications errors during Encrypted data transmission via Ethernet interface by means of TLS/PSK procedure to DTM – Incorrect display of HART communication statistics
1.60.0, 02/2016	<p>New functions:</p> <ul style="list-style-type: none"> – Input: <ul style="list-style-type: none"> • For VEGA HART sensors, selection of the HART variables as sensor value possible – Relay outputs: <ul style="list-style-type: none"> • Default settings of relays modified: Rel. 1 is assigned with mode overflow protection, Rel. 2...5 are deactivated, Rel. 6 is activated as fail safe relay • Relay can be activated/deactivate via menu • Pump control with new options: <ul style="list-style-type: none"> • Sequenced/Alternating pump operation • Dry weather pump • Bandwidth for switching points • Counter for switch-on processes of the relays – Signal conditioning: <ul style="list-style-type: none"> • Display unit m(d) replaced by m • 2. Totalizer can be activated for flow volume measurement – VEGA Inventory System: <ul style="list-style-type: none"> • Presentation of the SIM-ID / Location data on HTML page (only valid in conjunction with LUCOM-Router) • Transmission of the SIM-ID / Location data (only valid in conjunction with LUCOM-Router) • Order list VIS: Transmitting interval can be changed via VIS surface

Overview of software versions

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	<ul style="list-style-type: none"> • Encrypted data transmission by means of TLS/PSK procedure to VEGA Inventory System • Snapshot memory (measured values given later to the VEGA Inventory System) can be deleted via the website index1.htm <p>– Ethernet-Interface:</p> <ul style="list-style-type: none"> • Encrypted data transmission via Ethernet interface by means of TLS/PSK procedure to DTM • Websites revised (Log files can be opened via index.htm, adjustment blocked via index1.htm page) • Telnet access blocked by default • Telnet, VEGA-ASCII and Modbus TCP can be blocked or released via website index1.htm • Safety update SSL / TLS-Stack <p>Error corrections:</p> <ul style="list-style-type: none"> – Serial number >16777215 of VEGA HART sensors correctly displayed – Various translations corrected in the menu – Deactivation of the PIN removed after voltage loss (activated PIN was no longer effective after voltage loss)
<p>1.40.0, 07/2014</p>	<p>New functions:</p> <ul style="list-style-type: none"> – E-Mail encryption: SSL/TLS 1.2 – Port numbers for SMTP, HTTP und POP3 editable <p>Error corrections:</p> <ul style="list-style-type: none"> – VV-File: Unit „% sol Vol“ replaced by „lin%“ – -Zipping of measured value and status files only by request
<p>1.30.0, 02/2013</p>	<p>New functions:</p> <ul style="list-style-type: none"> – Input: <ul style="list-style-type: none"> • PROTRAC SIL versions are displayed in the device search • Interface measurement with VEGAFLEX 80 series – Relay output: <ul style="list-style-type: none"> • Pump control: Option Forced switchover added – WEB-VV: <ul style="list-style-type: none"> • WEB-VV data transmission: Submission of measured values after an inaccurate transmission – Signal conditioning: <ul style="list-style-type: none"> • Units for “ct/s”, “ct” and density units with adjustment units for HART-Generic sensors added • Units for “mNN”, “ct/s”, “ct” added with scaling units

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	<ul style="list-style-type: none"> - Local adjustment: <ul style="list-style-type: none"> • Acknowledgement of pump disturbances via the menu simplified • New measured value picture with symbols for pump control - Ethernet-Interface: <ul style="list-style-type: none"> • Proxy function added <p>Error corrections:</p> <ul style="list-style-type: none"> - E-mail transmission: Problems with POP before SMTP removed - Smaller errors in the menu removed - When retrieving device trend files via http not all values were transmitted - Calibration date and hardware version were not stored correctly in the EEPROM - error with http request via Excel 2010 removed - Instrument can no longer be operated via the menu after a reset Switch-on time relay - With HART-Generic sensors, the texts for the adjustment units "mBar" and "bar" are interchanged - After a restart, the measured value picture for totalizer was no longer displayed
<p>1.20.0, 06/2011</p>	<p>New functions:</p> <ul style="list-style-type: none"> - Input: <ul style="list-style-type: none"> • HART mode also for instruments without optional interface if the respective hardware is mounted (digital print with index -04, instrument HW Rev. 1.0.7) • HART: Secondary Master can be connected - WEB-VV: <ul style="list-style-type: none"> • Extension WEB VV data transmission by type measured value controlled/time-controlled • WEB VV Event can be triggered via DTM with a delay • Test event can be triggered via DTM with a delay • Improved feedback with message transmission - RS232-Interface with Modem: <ul style="list-style-type: none"> • Additional possibility to send AT-Strings to the modem • SMS and e-mail can now be transmitted at the same time (are executed one after the other) • Additional LOG files for data transmission with modem or via LAN - Local adjustment: <ul style="list-style-type: none"> • The on-time counter can now be reset via the menu <p>Error corrections:</p> <ul style="list-style-type: none"> - Accuracy of the real time clock with operating in LAN improved - WEB VV data can be sent in minute cycle, previously caused a restart of the instrument

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	<ul style="list-style-type: none"> – When setting up the pump control, a restart is no longer required for the correct function – Reset of the on-time counter of the relays is now stored in the EEPROM – PPP: With Dial-In, the dial-in functioned only once – Relay status information was not transmitted correctly via Modbus TCP – Trend recordings are corrected with time changes
1.10.0, 11/2009	<p>New functions:</p> <ul style="list-style-type: none"> – Software update function via DTM – Relay mode pump control 3 and 4 – Relay, current output: Pulse length for flow pulses changed to 350 ms – Local adjustment: <ul style="list-style-type: none"> • New menu image for switch on period Rel. 1...4 • New menu image for sensor status • NE107 status messages <p>Error corrections:</p> <ul style="list-style-type: none"> – Phoenix Contact modem together with RS232 interface – Coded WEB-VV data transmission
1.03.0, 06/2009	<p>New functions:</p> <ul style="list-style-type: none"> – Webserver: <ul style="list-style-type: none"> • HTML pages in French <p>Error corrections:</p> <ul style="list-style-type: none"> – Instrument trend recordings
1.01.0, 06/2009	<p>Error corrections:</p> <ul style="list-style-type: none"> – WEB-VV Event – Instrument trend recordings after power fail – Local adjustment
1.0.0, 05/2009	<p>First version</p> <ul style="list-style-type: none"> – software update only possible via USB-Update software not via DTM

Overview of software versions



Legend:

Name	Description
Version	<p>xx.yy.zz</p> <p>xx: compatibility version. Will be increased if there is no compatibility to the version before. Range of values 0...99.</p> <p>yy: Functions extension version. Will be increased if new functions or modifications where carried out. A function extension version can include error corrections. Range of values 0...99.</p> <p>zz: Error correction version. Will be increased if only error corrections where made. Range of values 0...99.</p>
Available since	Month/Year