

VEGAMET 624

Version, available since	Description
1.98 03/201	<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 – 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 • 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 – Ethernet-Interface: <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
1.96 07/2014	<p>Functionality:</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

Overview of software versions

Version, available since	Description
1.95 02/2013	<p>Functionality</p> <ul style="list-style-type: none"> – WEB-VV data transmission: Submission of measured values after an inaccurate transmission – PROTRAC SIL versions are displayed in the device search – Interface measurement with VEGAFLEX 80 series – 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 – Ethernet: Proxy function added – NE107 messages of plics®plus sensors are shown on the display – Switching point adjustment of relay outputs with reference value scaled – Pump control: Option Forced switchover 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 – If the sensor value was changed with a measurement loop, then error E005 will be outputted with measurement loop 3 – error with http request via Excel 2010 removed
1.94 06/2011	<p>Functionality</p> <ul style="list-style-type: none"> – Extension WEB VV data transmission by type measured value controlled/time-controlled – Test event can be triggered via DTM with a delay – HART: Secondary Master can be connected – Improved feedback with message transmission – Modem: 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 – For Japan the selectable units can be limited to SI units – WEB VV data transmission can be triggered via the menu – The relay on-time counter can now be reset via the menu <p>Error corrections:</p>

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	<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 – 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
1.93 03/2010	<ul style="list-style-type: none"> – Error correction
1.92 11/2009	<ul style="list-style-type: none"> – Integration of new sensors: <ul style="list-style-type: none"> • plics@plus sensors • VEGADIF 65 sensors • PROTRAC sensors – Relay, current output: Pulse length for flow pulses changed to 350 ms <p>Instruments with interface:</p> <p>-Coded WEB-VV data transmission</p>
1.91 12/2008	<ul style="list-style-type: none"> – new menu: WHG <p>Instruments with Ethernet interface</p> <ul style="list-style-type: none"> – WEB-VV data exchange updated <p>Instruments with RS232 interface</p> <ul style="list-style-type: none"> – Modem operation updated – WEB-VV data exchange updated
1.90 04/2008	<ul style="list-style-type: none"> – HART communication updated – Fault message E015 was outputted instead of E014 with sensor currents > 35mA – Scaling units extended by temperature units – Error correction: temporary deactivation of the PIN caused permanent deactivation up to the next restart <p>Instruments with Ethernet interface</p> <ul style="list-style-type: none"> – DHCP client – TCP/IP communication updated

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	<ul style="list-style-type: none"> – WEB-VV data exchange updated <p>Instruments with RS232 interface</p> <ul style="list-style-type: none"> – Modem operation extended by additional safety measures – User name and password extended to 60 characters with PPP – WEB-VV data exchange updated - Error correction: Saving of RS232 interface parameters
1.80 07/2007	<ul style="list-style-type: none"> – integration VEGAWELL 51/52 sensors – new menu language: Dutch – live adjustment via menu – simulation of percent and Lin-percent-values via menu – update HART communication <p>Instruments with optional interfaces</p> <ul style="list-style-type: none"> – WEB-VV functionality implemented – event type time controlled with limited timing (e.g. only on weekdays) – device trend: error correction of CSV data file – device trend: error correction performance after voltage drop
1.73 07/2006	<p>Geräte mit Schnittstelle:</p> <ul style="list-style-type: none"> – Fehlerkorrektur: Kurve15 kann jetzt mit DTM ausgelesen werden – Fehlerkorrektur: Modbus TCP-Protokoll
1.72 04/2006	<ul style="list-style-type: none"> – Relay operation mode tendency recognition – Relay operation mode pump control <p>Instruments with optional interface:</p> <ul style="list-style-type: none"> – Error correction: Curve 15 can be now read out with DTM – Error correction: Modbus TCP protocol
1.62 01/2006	<ul style="list-style-type: none"> – Error correction: Update Reset Factory Settings
1.61 12/2005	<ul style="list-style-type: none"> – WHG with WHG HART sensors

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Version, available since	Description
	<ul style="list-style-type: none"> – Access protection for parameter adjustment <p>Instruments with RS232 interface:</p> <ul style="list-style-type: none"> – Device trend / Data logger function – E-Mail: Transmission of device trend files possible – SMS function – PPP: IP address and Host name can be modified via DTM <p>Instruments with Ethernet interface:</p> <ul style="list-style-type: none"> – Device trend / Data logger function – E-Mail: Transmission of device trend files possible
1.51 09/2005	<ul style="list-style-type: none"> – Error correction Ethernet communication with Standard gateway
1.50 07/2005	<ul style="list-style-type: none"> – new menu images for standard gateway and communication protocol <p>Instruments with RS232 interface:</p> <ul style="list-style-type: none"> – PPP dial-up function (e.g. a dial-up connection can be established to the instrument and measured values can be enquired via a web browser) – VEGA ASCII protocol implemented – E-Mail: Transmission of VV files possible <p>Instruments with Ethernet interface:</p> <ul style="list-style-type: none"> – VEGA ASCII protocol implemented – E-Mail: Transmission of VV files possible – Access protection for HTML pages
1.40 03/2005	<ul style="list-style-type: none"> – Integration VEGACAL sensors <p>Instruments with RS232 interface:</p> <ul style="list-style-type: none"> – E-Mail function – PPP selection function (i.e. MET dials automatically and sends EMAIL) <p>Instruments with Ethernet interface:</p> <ul style="list-style-type: none"> – E-Mail function – Floating Point via Modbus TCP

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Version, available since	Description
	<ul style="list-style-type: none"> – transmission of VV files possible
1.30 12/2004	<ul style="list-style-type: none"> – Flow measurement with pulse outputs
1.20 10/2004	<ul style="list-style-type: none"> – First sold version for instruments with optional interfaces (Ethernet, RS232) – PC/DCS outputs available – First version with WHG – Menu language Italian <p>Instruments with RS232 interface:</p> <ul style="list-style-type: none"> – Real time clock – Modem initialisation: Remote enquiry via modem with Pactware possible – Connection to Visual VEGA (Vers. 5.21) – Software update via RS232 interface possible <p>Instruments with Ethernet interface</p> <ul style="list-style-type: none"> – Real time clock – WEB-Browser (HTML pages) – Connection to Visual VEGA (Vers. 5.21) – Modbus TCP protocol
1.11 04/2004	-HART-function
1.00 03/2004	<p>First sold version for VEGAMET 624</p> <p>-Analogue version without HART function</p>

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1.11 04/2004	First sold version for VEGAMET 625

Legende:

Name	Beschreibung
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Name	Beschreibung
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