

VEGAMET 624

Version, available since	Description
1.00 03/2004	First sold version VEGAMET624 -Analogue version without HART function
1.11 04/2004	-HART-function
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) -Support Modbus TCP protocol
1.30 12/2004	-Flow measurement with pulse outputs n
1.40 03/2005	<ul style="list-style-type: none"> -Integration of VEGACAL sensors <p>Instruments with RS232 interface:</p> <ul style="list-style-type: none"> -E-Mail function -PPP selection function (e.g. 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 -Transmission of VV files possible

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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
1.51 09/2005	Error correction Ethernet communication with Standard gateway
1.61 12/2005	<ul style="list-style-type: none"> - WHG with WHG HART sensors - 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
1.62 01/2006	<p>Instruments without optional interface:</p> <ul style="list-style-type: none"> -Error correction: Update Reset Factory Settings
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"> - Access protection for HTML pages changed (a password is now always required to change settings)

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1.73 07/2006	Instruments with optional interface: -Error correction: Modbus TCP protocol
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
1.90 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 - 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

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1.91 12/2008	<p>-new menu: WHG</p> <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
1.92 11/2009	<p>-Integration of new sensors:</p> <ul style="list-style-type: none"> plics@plus sensors VEGADIF 65 sensors PROTRAC sensors <p>- Relay, current output: Pulse length for flow pulses changed to 350 ms</p> <p>Instruments with interface:</p> <ul style="list-style-type: none"> -Coded WEB-VV data transmission
1.93 03/2010	<ul style="list-style-type: none"> - Error correction: Activation of the pump control
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> <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 -When setting up the pump control, a restart is no longer required for the correct

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	<p>function</p> <ul style="list-style-type: none"> -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
1.95 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 -Switching point adjustment of relay outputs with reference value scaled -Pump control: Option Forced switchover added -Ethernet: Proxy function added -NE107 messages of plics®plus sensors are shown on the display <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 -error with http request via Excel 2010 removed
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

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1.20 10/2004	<p>-First sold version for instruments with optional interfaces (Ethernet, RS232)</p> <p>-PC/DCS outputs available</p> <p>-Assistant for creating an interface measurement</p> <p>-Menu language Italian</p> <p>Instruments with RS232 interface:</p> <p>-Real time clock</p> <p>-Modem initialisation: Remote enquiry via modem with Pactware possible</p> <p>-Connection to Visual VEGA (Vers. 5.21)</p> <p>-Software update via RS232 interface possible</p> <p>Instruments with Ethernet interface</p> <p>-Real time clock</p> <p>-WEB-Browser (HTML pages)</p> <p>-Connection to Visual VEGA (Vers. 5.21)</p> <p>-Support Modbus TCP protocol</p>
1.30 12/2004	-Flow measurement with pulse outputs
1.40 03/2005	<p>-Integration of VEGACAL sensors</p> <p>Instruments with RS232 interface:</p> <p>-E-mail function</p> <p>-PPP selection function (e.g. MET dials automatically and sends EMAIL)</p> <p>Instruments with Ethernet interface:</p> <p>-E-mail function</p> <p>-Floating Point via Modbus TCP</p>
1.50 07/2005	<p>-new menu images for standard gateway and communication protocol</p> <p>Instruments with RS232 interface:</p> <p>-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)</p>

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1.92 11/2009	<ul style="list-style-type: none"> -Error correction: Faulty input assignment when connecting two VEGASON sensors

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