

VEGAMET 624

Revision	Description	Available since
1.00	First sold version VEGAMET624 -Analogue version without HART functio	03/2004
1.11	-HART function	04/2004
1.20	-First sold version for instruments with optional interfaces (Ethernet, RS232) -PC/DCS outputs available -First version with WHG -Menu language Italian Instruments with RS232 interface: -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 Instruments with Ethernet interface -Real time clock -WEB-Browser (HTML pages) -Connection to Visual VEGA (Vers. 5.21) -Support Modbus TCP protocol	10/2004
1.30	-Flow measurement with pulse outputs	12/2004
1.40	-Integration of VEGACAL sensors Instruments with RS232 interface: -E-Mail function -PPP selection function (e.g. MET dials automatically and sends EMAIL) Instruments with Ethernet interface: -E-Mail function -Floating Point via Modbus TCP -Transmission of VV files possible	03/2005

VEGAMET 624

Revision	Description	Available since
1.50	<p>-new menu images for standard gateway and communication protocol</p> <p>Instruments with RS232 interface: -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> <p>Instruments with Ethernet interface: -VEGA ASCII protocol implemented -E-Mail: Transmission of VV files possible -Access protection for HTML pages</p>	07/2005
1.51	Error correction Ethernet communication with Standard gateway	09/2005
1.61	<p>- WHG with WHG HART sensors - Access protection for parameter adjustment</p> <p>Instruments with RS232 interface: - 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> <p>Instruments with Ethernet interface: - Device trend / Data logger function - E-Mail: Transmission of device trend files possible</p>	12/2005
1.62	<p>Instruments without optional interface: -Error correction: Update Reset Factory Settings</p>	01/2006
1.72	<p>- Relay operation mode tendency recognition - Relay operation mode pump control</p> <p>Instruments with optional interface: - Access protection for HTML pages changed (a password is now always required to change settings)</p>	04/2006
1.73	<p>Instruments with optional interface: -Error correction: Modbus TCP protocol</p>	07/2006

VEGAMET 624

Revision	Description	Available since
1.80	<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 	07/2007
1.90	<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 	04/2008
1.91	<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 	12/2008

VEGAMET 624

Revision	Description	Available since
1.92	<ul style="list-style-type: none">-Integration of new sensors:<ul style="list-style-type: none">plics@plus sensorsVEGADIF 65 sensorsPROTRAC sensors- Relay, current output: Pulse length for flow pulses changed to 350 ms <p>Instruments with interface:</p> <ul style="list-style-type: none">-Coded WEB-VV data transmission	11/2009
1.93	<ul style="list-style-type: none">-Error correction: Activation of the pump control	03/2010

VEGAMET 625

Revision	Description	Available since
1.11	First sold version VEGAMET625	04/2004
1.20	<ul style="list-style-type: none"> -First sold version for instruments with optional interfaces (Ethernet, RS232) -PC/DCS outputs available -Assistant for creating an interface measurement -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 	10/2004
1.30	-Flow measurement with pulse outputs	12/2004
1.40	<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 	03/2005

VEGAMET 625

Revision	Description	Available since
1.50	<p>-new menu images for standard gateway and communication protocol</p> <p>Instruments with RS232 interface: -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> <p>Instruments with Ethernet interface: -VEGA ASCII protocol implemented -E-Mail: Transmission of VV files possible -Access protection for HTML pages</p>	07/2005
1.51	Error correction Ethernet communication with Standard gateway	09/2005
1.61	<p>- WHG with WHG HART sensors - Access protection for parameter adjustment</p> <p>Instruments with RS232 interface: - 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> <p>Instruments with Ethernet interface: - Device trend / Data logger function - E-mail: Transmission of device trend files possible</p>	12/2005
1.62	<p>Instruments without optional interface: -Error correction: Update Reset Factory Settings</p>	01/2006
1.72	<p>- Relay operation mode tendency recognition - Relay operation mode pump control</p> <p>Instruments with optional interface: - Access protection for HTML pages changed (a password is now always required to change settings)</p>	04/2006

VEGAMET 625

Revision	Description	Available since
1.73	Instruments with optional interface: -Error correction: Modbus TCP protocol	07/2006
1.80	<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 	07/2007
1.90	<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 	04/2008

VEGAMET 625

Revision	Description	Available since
1.91	-new menu: WHG Instruments with Ethernet interface - WEB-VV data exchange updated Instruments with RS232 interface -Modem operation updated -WEB-VV data exchange updated	12/2008
1.92	-Error correction: Faulty input assignment when connecting two VEGASON sensors -Integration of new sensors: plics@plus sensors VEGADIF 65 sensors PROTRAC sensors - Relay, current output: Pulse length for flow pulses changed to 350 ms Instruments with interface: -Coded WEB-VV data transmission	11/2009
1.93	-Error correction: Activation of the pump control	03/2010

VEGASCAN 693

Revision	Description	Available since
1.20	<p>First sold version for VEGASCAN 693</p> <ul style="list-style-type: none"> -PC/DCS outputs available <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 	10/2004
1.40	<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 – transmission of VV files possible 	03/2005
1.50	<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 	07/2005

VEGASCAN 693

Revision	Description	Available since
1.51	Error correction Ethernet communication with Standard gateway	09/2005
1.61	<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 	12/2005
1.62	-Error correction: Update Reset Factory Settings	01/2006
1.72	- Access protection for HTML pages changed (a password is now always required to change settings)	04/2006
1.73	<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 	07/2006
1.80	<ul style="list-style-type: none"> - 15 individually programmable linearisation curves (previously 3) - 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 	07/2007

VEGASCAN 693

Revision	Description	Available since
1.90	<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 	04/2008
1.91	<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 	12/2008
1.92	<ul style="list-style-type: none"> -Integration of new sensors: plics@plus sensors VEGADIF 65 sensors PROTRAC sensors <p>Instruments with interface:</p> <ul style="list-style-type: none"> -Coded WEB-VV data transmission 	11/2009
1.93	<ul style="list-style-type: none"> -Error correction 	03/2010
1.94	<ul style="list-style-type: none"> - Extension of WEB-VV data transmission by type measured value/time-controlled - Test event can be triggered with a delay via DTM - HART: Secondary Master can be connected - Additional LOG files for data transmission via modem or LAN - For Japan, units can be limited to SI units - WEB-VV transmission can be triggered through the menu - HART mode also for instruments without optional interface with hardware Rev. 1.0.7 	06/2011



VEGASCAN 693

Revision	Description	Available since
	Error correction: <ul style="list-style-type: none">- Accuracy of the real time clock for operation in LAN improved- WEB-VV data can be sent in minute cycle- Reset of the on-time counters of the relays- Relay status information is transmitted correctly via Modbus TCP- Trend recordings with time changes	