VEGA

Manufacturer Information

Software and hardware changes (according to NAMUR recommendation NE 53)

1. Type of instrument

☒ 1. Field device   ☐ 2. Signal processing instrument
☐ 3. Display/adjustment system   ☐ 4. Adjustment software

Manufacturer: VEGA Grieshaber KG   **Instr.:** **VEGAPULS C 21, C 22, C 23**   **Type:** **Four-wire Modbus**

2. Software

Previous software version:		1	.	0	2	.	0	1	Dated	September 2021
New software version:			.			.			Dated	

Description of the modification in comparison with the predecessor version:

For detailed information see overview of the versions in the download area under www.vega.com/downloads.

3. Hardware

Previous hardware version:		1	.	0	1	.	0	0	Dated	November 2019
New hardware version:		1	.	0	2	.	0	0	Dated	January 2022

Description of the modification in comparison with the predecessor version:

- Behaviour optimised for large reception signals

For detailed information see overview of the versions in the download area under www.vega.com/downloads.

4. Software compatibility

Is a software update necessary?

☒ No
☐ Yes, reason:

Is downward compatibility given after installation of the new software?

☒ Yes
☐ No, description:

How can the software update be carried out (description of the procedure)?

    Via adjustment tool PACTware/DTM

4. Operating instructions

Was the operating instructions changed due to the software/hardware modification?

☐ Yes,

Instrument type	New instruction no.	Dated

☒ No,

Instrument type	Previous instruction no.	Dated
VEGAPULS C 21, four-wire Modbus	58343	2021-11-03
VEGAPULS C 22, four-wire Modbus	58346	2021-11-03
VEGAPULS C 23, four-wire Modbus	58349	2021-11-03

5. Price

Did the price change?

☒ No

☐ Yes

Previous list price of the instrument: _____ €

New list price of the instrument: _____ €

Price for an update (without installation): _____ €

2022-01-17
Date

i. V. Thomas Du
Signature

Manufacturer Information

Software and hardware changes (according to NAMUR recommendation NE 53)

1. Type of instrument

☒ 1. Field device   ☐ 2. Signal processing instrument
☐ 3. Display/adjustment system   ☐ 4. Adjustment software

Manufacturer: VEGA Grieshaber KG   **Instr.:** VEGAPULS C 21, C 22, C 23   **Type:** Four-wire Modbus

2. Software

Previous software version: | 1 . 0 2 . 0 0 | Dated September 2020
New software version: | 1 . 0 2 . 0 1 | Dated September 2021

Description of the modification in comparison with the predecessor version:

- Error in the close range in the application "Bulk solids" corrected
- Extending the additional safety at the end of the measuring range in the "stormwater overflow basin" application to 8 m
- Sensor now allows up to 5 simultaneous connections (but only one communicating VVO)
- Failures of Modbus communication corrected
- Filling height can be queried via Modbus commands
- Installation height can be configured via Modbus commands

For detailed information see overview of the versions in the download area under www.vega.com/downloads.

3. Hardware

Previous hardware version: | 1 . 0 1 . 0 0 | Dated November 2019
New hardware version: | . . | Dated

Description of the modification in comparison with the predecessor version:

For detailed information see overview of the versions in the download area under www.vega.com/downloads.

4. Software compatibility

Is a software update necessary?

☒ No

☐ Yes, reason:

Is downward compatibility given after installation of the new software?

☒ Yes

☐ No, description:

How can the software update be carried out (description of the procedure)?

Via adjustment tool PACTware/DTM

4. Operating instructions

Was the operating instructions changed due to the software/hardware modification?

☐ Yes,

Instrument type	New instruction no.	Dated

☒ No,

Instrument type	Previous instruction no.	Dated
VEGAPULS C 21, four-wire Modbus	58343	2021-03-09
VEGAPULS C 22, four-wire Modbus	58346	2021-03-09
VEGAPULS C 23, four-wire Modbus	58349	2021-03-09

5. Price

Did the price change?

☒ No

☐ Yes

Previous list price of the instrument: _____ €

New list price of the instrument: _____ €

Price for an update (without installation): _____ €

2021-09-03
Date

i. V. Thomas Ol
Signature

Manufacturer Information

Software and hardware changes (according to NAMUR recommendation NE 53)

1. Type of instrument

☒ 1. Field device   ☐ 2. Signal processing instrument

☐ 3. Display/adjustment system   ☐ 4. Adjustment software

Manufacturer: VEGA Grieshaber KG   **Instr.:** **VEGAPULS C 21, C 22, C 23**   **Type:** **Four-wire Modbus**

2. Software

Previous software version:		1	.	0	1	.	0	0	Dated	November 2019
New software version:		1	.	0	2	.	0	0	Dated	September 2020

Description of the modification in comparison with the predecessor version:

- Extensions for international radio approvals
- Additional encryption of Bluetooth communication
- Increased accuracy of the first measured value
- Extended Modbis communication possibilities
- Various error corrections

For detailed information see overview of the versions in the download area under www.vega.com/downloads.

3. Hardware

Previous hardware version:		1	.	0	1	.	0	0	Dated	November 2019
New hardware version:			.			.			Dated	

Description of the modification in comparison with the predecessor version:

For detailed information see overview of the versions in the download area under www.vega.com/downloads.

4. Software compatibility

Is a software update necessary?

☒ No

☐ Yes, reason:

Is downward compatibility given after installation of the new software?

☒ Yes

☐ No, description:

How can the software update be carried out (description of the procedure)?

Via adjustment tool PACTware/DTM

4. Operating instructions

Was the operating instructions changed due to the software/hardware modification?

☒ Yes,

Instrument type	New instruction no.	Dated
VEGAPULS C 21, four-wire Modbus	58343	2020-08-06
VEGAPULS C 22, four-wire Modbus	58346	2020-08-06
VEGAPULS C 23, four-wire Modbus	58349	2020-08-06

☐ No,

Instrument type	Previous instruction no.	Dated

5. Price

Did the price change?

☒ No

☐ Yes

Previous list price of the instrument: _____ €

New list price of the instrument: _____ €

Price for an update (without installation): _____ €

2020-09-07
Date

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Signature