

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

VEGAPULS
Instr.: C 21, C 22, C 23

Type
: Three-wire SDI-12

2. Software

Previous software version:

	1

 .

0	2

 .

0	0

 Dated September 2020
 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:

- Control for switching regulator in power supply unit revised
- 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, three-wire SDI-12	58342	2021-11-03
VEGAPULS C 22, three-wire SDI-12	58345	2021-11-03
VEGAPULS C 23, three-wire SDI-12	58348	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

J. V. Thomas
Signature

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Manufacturer: VEGA Grieshaber
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VEGAPULS
Instr.: C 21, C 22, C 23

Type
: Three-wire SDI-12

2. Software

Previous software version:

	1	.	0	1	.	0	0
	1	.	0	2	.	0	0

Dated November 2019

New software version:

	1	.	0	1	.	0	0
	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
- Query of measurement reliability via SDI-12 command
- 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, three-wire SDI-12	58342	2020-08-06
VEGAPULS C 22, three-wire SDI-12	58345	2020-08-06
VEGAPULS C 23, three-wire SDI-12	58348	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

J. V. Thomas D&S

 Signature