

1. Type of instrument					
			☐ 2. Sign	al processing instrument	
☐ 3. Display/adjustment system			☐ 4. Adju	stment software	
Manufacturer: VEGA Grieshaber KG	Instr.:	VEGAPULS C 21, C 22, C 23	Type :	Two-wire 4 20 mA/HART encapsulated	
2. Software					
Previous software version:		1 . 0 2 . 0	0 1 Date	d May 2021	
New software version:		1 . 0 2 .	0 2 Date	d November 2022	
For detailed information see overvi				nly one communicating VVO) der www.vega.com/download	
3. Hardware					
Previous hardware version:		1 . 0 3 .	0 0 Date	d December 2021	
New hardware version:		1 . 0 3 .	0 1 Date	d November 2022	
Description of the modification in converter for detailed information see overvious	or current	output and HART m	odem	der <u>www.vega.com/download</u>	<u>s</u> .
4. Software compatibility					
Is a software update necessary?					
No					
☐ Yes, reason:					
Is downward compatibility given aft	er installa	ation of the new softw	are?		
⊠ Yes					
□ No, description:					



How can the software update be carried out (description of the procedure)? Via adjustment tool PACTware/DTM

4. Operating in	nstructions			
Was the operat	ing instructions changed	due to the software/hardwa	re modification?	
\square Yes,				
	Instrument type		New instruction no.	Dated
⊠ No,				
	Instrument type		Previous instruction no.	Dated
	VEGAPULS C 21, two-	wire 4 20 mA/HART Ex	58341	2022-10-26
	VEGAPULS C 22, two-	wire 4 20 mA/HART Ex	58344	2022-10-26
	VEGAPULS C 23, two-m	wire 4 20 mA/HART Ex	58347	2022-10-26
5. Price				
Did the price ch	nange?			
⊠ No				
□ Yes				
Previous list pri	ce of the instrument:	€		
New list price o	f the instrument:	€		
Price for a installation):	an update (without	€		
			Inomas &	2 8
2022 Date	-11-25		gnature	ie
Date		51	ynature	



1. 7	Гуре of instrument				
\boxtimes	1. Field device			☐ 2. Sigı	nal processing instrument
	3. Display/adjustment system			☐ 4. Adjı	ustment software
Ma KG	nufacturer: VEGA Grieshaber	Instr.:	VEGAPULS C 21, C 22, C 23	Type :	Two-wire 4 20 mA/HART encapsulated
2. 9	Software				
Pre	evious software version:		1 . 0 2 . () 1 Date	ed May 2021
Ne	w software version:			Date	ed
De	scription of the modification in co	omparisor	n with the predecesso	or version:	
For	detailed information see overvi	ew of the	versions in the down	load area u	nder <u>www.vega.com/downloads</u>
3. I	Hardware				
Pre	evious hardware version:		1 . 0 2 . 0	0 0 Date	ed August 2021
Ne	w hardware version:		1 . 0 3 . (0 Date	ed December 2021
De	scription of the modification in co	omparisor	n with the predecesso	or version:	
	- Temperature stability of the	e current	output improved		
For	detailed information see overvi	ew of the	versions in the down	load area ui	nder <u>www.vega.com/downloads</u> .
4. \$	Software compatibility				
ls a	a software update necessary?				
\boxtimes	No				
	Yes, reason:				
ls c	downward compatibility given aft	er installa	ation of the new softw	are?	
\boxtimes	Yes				
	No, description:				
Ho	w can the software update be ca	arried out	(description of the pr	ocedure)?	
	Via adjustment tool PACTware	e/DTM			



4. Operating in	nstructions		
Was the opera	ting instructions changed due to the software/hardwa	are modification?	
\square Yes,			
	Instrument type	New instruction no.	Dated
⊠ No,			
	Instrument type	Previous instruction no.	Dated
	VEGAPULS C 21, two-wire 4 20 mA/HART Ex m	58341	2021-11-03
	VEGAPULS C 22, two-wire 4 20 mA/HART Ex m	58344	2021-11-03
	VEGAPULS C 23, two-wire 4 20 mA/HART Ex m	58347	2021-11-03
5. Price			
Did the price cl	nange?		
⊠ No	-		
□ Yes			
Previous list pr	ice of the instrument:€		
New list price of	of the instrument: €		
Price for installation):	an update (without €		

2021-11-29

Date

1. V. Rumas July Signature



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

contrare and naraware changes	(4000.4)		0.100.011.112	. 00)
1. Type of instrument				
			☐ 2. Sign	al processing instrument
☐ 3. Display/adjustment system			•	istment software
Manufacturer: VEGA Grieshaber KG	Instr.:	VEGAPULS C 21, C 22, C 23	Type :	Two-wire 4 20 mA/HART encapsulated
2. Software				
Previous software version:		1 . 0 2 . 0) 1 Date	ed May 2021
New software version:			Date	
Description of the modification in c	omparisoı	n with the predecesso	or version:	
For detailed information see overvi	iew of the	versions in the down	load area un	nder <u>www.vega.com/downloads</u>
3. Hardware				
Previous hardware version:		1 . 0 1 . 0	0 0 Date	ed November 2019
New hardware version:		1 . 0 2 . 0	0 Date	August 2021
Description of the modification in c	-	•		
 Sporadic failures of a switch 	cning regu	liator nave been elimi	nated by mo	oditied control.
For detailed information see overvi	iew of the	versions in the down	load area un	nder www.vega.com/downloads
4. Software compatibility				
Is a software update necessary?				
⊠ No				
\square Yes, reason:				
Is downward compatibility given af	ter installa	ation of the new softw	are?	
☐ No, description:				
How can the software update be ca	arried out	(description of the pro	ocedure)?	

Via adjustment tool PACTware/DTM



4. Operating in	nstructions			
Was the operat	ting instructions changed due to the software/	hardwa	re modification?	
\square Yes,				
	Instrument type		New instruction no.	Dated
⊠ No,				
	Instrument type		Previous instruction no.	Dated
	VEGAPULS C 21, two-wire 4 20 mA/HAF m	RT Ex	58341	2021-04-22
	VEGAPULS C 22, two-wire 4 20 mA/HAF m	RT Ex	58344	2021-04-22
	VEGAPULS C 23, two-wire 4 20 mA/HAF m	RT Ex	58347	2021-03-09
5. Price				
Did the price ch	nange?			
⊠ No	•			
□ Yes				
Previous list pr	ice of the instrument:	€		
•	of the instrument:	€		
Price for a installation):	an update (without	€		

2021-09-28

Date

1. V. Frances Dass
Signature



Software and nardware changes	(according	g to NAMON recomm	iendation NE 3	3)
1. Type of instrument				
			☐ 2. Signal	processing instrument
☐ 3. Display/adjustment system			☐ 4. Adjustr	ment software
Manufacturer: VEGA Grieshaber KG	Instr.:	VEGAPULS C 21, C 22, C 23	• •	wo-wire 4 20 mA/HART ncapsulated
2. Software				
Previous software version:		1 . 0 2 . (0 0 Dated	September 2020
New software version:		1 . 0 2 .	0 1 Dated	May 2021
Description of the modification in c	omparisor	n with the predecesso	or version:	
- Measurement function:	ompanoo.	T Will also produced	J. VOIOIOIII	
 Error in the close range 	ge in the a	application "Bulk solic	ds" corrected	
 Extending the addition basin application to see 		at the end of the me	asuring range i	n the "stormwater overflow
- Bluetooth communication:				
o Sensor now allows up	o to 5 simi	ultaneous connection	s (but only one	communicating VVO)
For detailed information see overvi	ew of the	versions in the down	load area unde	er 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 c	omparisor	n with the predecesso	or version:	
For detailed information see overvi	ew of the	versions in the down	load area unde	er www.vega.com/downloads
4. Software compatibility				
Is a software update necessary?				
⊠ No				
☐ Yes, reason:				
Is downward compatibility given af	ter installa	ation of the new softw	are?	
⊠ Yes				



□ No, c	□ No, description:							
	How can the software update be carried out (description of the procedure)? Via adjustment tool PACTware/DTM							
4. Operat	ing instructions							
Was the c	perating instructions changed due to the software/hardwa	re modification?						
	Instrument type	New instruction no.	Dated					
	VEGAPULS C 21, two-wire 4 20 mA/HART Ex m	58341	2021-04-22					
	VEGAPULS C 22, two-wire 4 20 mA/HART Ex m	58344	2021-04-22					
	VEGAPULS C 23, two-wire 4 20 mA/HART Ex m	58347	2021-03-09					
□ No,								
	Instrument type	Previous instruction no.	Dated					
5. Price								
Did the pr ⊠ No □ Yes	ice change?							
Previous I	ist price of the instrument: €							
-	rice of the instrument: €							
Price for installation								
	2021-06-01	Inomas &	8					
		ignature						



1. Type of instrument				
			•	al processing instrument
☐ 3. Display/adjustment system			☐ 4. Adju	stment software
Manufacturer: VEGA Grieshaber KG	Instr.:	VEGAPULS C 21, C 22, C 23	Туре :	Two-wire 4 20 mA/HART encapsulated
2. Software				
Previous software version:		1.01.	0 0 Date	d November 2019
New software version:		1 . 0 2 .	0 0 Date	d September 2020
Description of the modification in co	mpariso	n with the predeces	sor version:	
 Extensions for international Additional encryption of Blu Increased accuracy of the f Various error corrections 	ietooth c	ommunication		
For detailed information see overvie	ew of the	versions in the dov	vnload area un	der www.vega.com/downloads
3. Hardware				
Previous hardware version:		1 . 0 1 .	0 0 Date	d November 2019
New hardware version:			Date	d
Description of the modification in co	ompariso	n with the predeces	sor version:	
For detailed information see overvie	ew of the	versions in the dov	vnload area un	der www.vega.com/downloads
4. Software compatibility				
Is a software update necessary?				
⊠ No				
☐ Yes, reason:				
Is downward compatibility given after	er installa	ation of the new sof	tware?	
⊠ Yes				
□ No, description:				



How can the software update be carried out (description of the procedure)? Via adjustment tool PACTware/DTM

4. O	perating	instru	uctions
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Was the ope	erating instruc	tions changed du	ue to the software	hardware modification?

⊠ Yes,

Instrument type	New instruction no.	Dated
VEGAPULS C 21, two-wire 4 20 mA/HART Ex m	58341	2020-08-06
VEGAPULS C 22, two-wire 4 20 mA/HART Ex m	58344	2020-08-06
VEGAPULS C 23, two-wire 4 20 mA/HART Ex m	58347	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	i. V. Inomas Das
Date	Signature