

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

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1. Type of instrument			
		□ 2. Sig	nal processing instrument
☐ 3. Display/adjustment system		☐ 4. Adj	ustment software
Manufacturer: VEGA Grieshaber KG Instr.:	VEGAPULS C 21, C 22, C 23	Туре :	Two-wire 4 20 mA/HART non-Ex, intrinsically safe, dust-Ex
2. Software			
Previous software version:	1 . 0 2 . 0	1 Date	ed May 2021
New software version:	1 . 0 2 . 0	2 Date	ed November 2022
 Support alternative D/A converter for Sensor now allows up to 5 simultan For detailed information see overview of the 	eous Bluetooth connec	ctions (but	only one communicating VVO)
3. Hardware			
Previous hardware version:	1 . 0 4 . 0	0 Date	ed December 2021
New hardware version:	1 . 0 4 . 0	1 Date	ed November 2022
Description of the modification in compariso	n with the predecessor	r version:	
- Alternative D/A converter for curren	t output and HART mo	dem	
For detailed information see overview of the	versions in the downlo	oad area u	nder <u>www.vega.com/downloads</u> .
4. Software compatibility			
Is a software update necessary?			
⊠ No			
☐ Yes, reason:			
Is downward compatibility given after installa	ation of the new softwa	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 opera	ting instructions changed due to t	the software/hardwa	are modification?	
□ Yes,				
	Instrument type		New instruction no.	Dated
⊠ No,				
	Instrument type		Previous instruction no.	Dated
	VEGAPULS C 21, two-wire 4.	20 mA/HART	58341	2022-10-26
	VEGAPULS C 22, two-wire 4.	20 mA/HART	58344	2022-10-26
	VEGAPULS C 23, two-wire 4.	20 mA/HART	58347	2022-10-26
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	€		
			0	7 0
	-11-25	1. b		a de
Date		S	ignature	



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	• ,	`	•						'	
1. Type o	of instrument									
	eld device						□ 2	2. Siana	al processing instrument	
☐ 3. Display/adjustment system							•	stment software		
									Two-wire 4 20 mA/HA	RT
Manufac KG	eturer: VEGA Grieshaber	nstr.:	VEGA C 21,			:3	_ T _ :	уре	non-Ex, intrinsically safe dust-Ex	
2. Softwa	are									
Previous	software version:		1.	0	2	. 0	1	Dated	d May 2021	
New soft	ware version:		 .					Dated	J	<u> </u>
Description	on of the modification in com	nparisor	n with th	ne pr	edec	essor	vers	ion:		_
·				•						
For detail	led information see overview	of the	version	s in t	the d	ownlo	ad a	rea und	der <u>www.vega.com/downlo</u>	oads.
3. Hardw	vare									
Previous	hardware version:		1.	0	3	. 0	0	Dated	d August 2021	
New hard	dware version:		1 .	0	4	. 0	0	Dated	December 2021	
Description	on of the modification in com	nparisor	n with th	ne pr	edec	essor	vers	ion:		
- T	Гетрегаture stability of the c	urrent o	output ir	mpro	ved					
For detail	led information see overview	of the	version	s in t	the d	ownlo	ad a	rea und	der <u>www.vega.com/downle</u>	oads.
4. Softwa	are compatibility									
Is a softw	vare update necessary?									
⊠ No										
□ Yes,	, reason:									
Is downw	vard compatibility given after	installa	ition of t	the n	ew s	oftwa	re?			
⊠ Yes										
□ No,	description:									
How can	the software update be carr	ied out	(descrip	otion	of th	e prod	cedui	re)?		

Via adjustment tool PACTware/DTM



4. Operating in	structions		
Was the operati	ing instructions changed due to the software/hardwa	are modification?	
□ Yes,			
	Instrument type	New instruction no.	Dated
⊠ No,			
,	Instrument type	Previous instruction no.	Dated
	VEGAPULS C 21, two-wire 4 20 mA/HART	58341	2021-11-03
	VEGAPULS C 22, two-wire 4 20 mA/HART	58344	2021-11-03
	VEGAPULS C 23, two-wire 4 20 mA/HART	58347	2021-11-03
5. Price			
Did the price ch	ange?		
⋈ No□ Yes			
Previous list prid	ce of the instrument:		
New list price of	f the instrument:		
Price for a installation):	n update (without€		
2021	-11-29 / L	1. Jumas &	8
Date		Signature	



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

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1. T	ype of instrument							
\boxtimes	1. Field device					□ 2	. Signa	al processing instrument
☐ 3. Display/adjustment system						□ 4	. Adjus	stment software
Ma ı KG	nufacturer: VEGA Grieshaber I	Instr.:		APULS C 22, C	23		уре	Two-wire 4 20 mA/HART non-Ex, intrinsically safe, dust-Ex
2. S	oftware							
	vious software version: v software version:		1 .	0 2	. 0	1	Dated	
Des	scription of the modification in con	nparisor	n with th	e prede	essor	versi	ion:	
For	detailed information see overviev	v of the	version	s in the o	downlo	ad ar	rea und	der www.vega.com/downloads
3. H	lardware							
Pre	vious hardware version:		1 .	0 2	. 0	0	Dated	November 2019
Nev	v hardware version:		1 .	0 3	. 0	0	Dated	d August 2021
Des	scription of the modification in con - Sporadic failures of a switchi	•		•				dified control.
For	detailed information see overviev	v of the	version	s in the o	downlo	ad ar	rea uno	der www.vega.com/downloads
4. S	oftware compatibility							
ls a	software update necessary?							
\boxtimes	No							
	Yes, reason:							
ls d	ownward compatibility given after	· installa	ition of t	he new	softwar	re?		
\boxtimes	Yes							
	No, description:							
Hov	v can the software update be carr	ried out	(descrip	otion of tl	ne prod	edur	re)?	

Via adjustment tool PACTware/DTM



re modification?	
New instruction no.	Dated
Previous instruction no.	Dated
58341	2021-04-22
58344	2021-04-22
58347	2021-03-09
, 8 6	. 8
gnature	
	Previous instruction no. 58341 58344 58347



Software and hardware changes (according	to NAMUR	recommer	ndation NE 53	3)		
1. Type of instrument							
□ 1. Field device				☐ 2. Signal	processing instrument		
☐ 3. Display/adjustment system				☐ 4. Adjustr	nent software		
Manufacturer: VEGA Grieshaber KG	Instr.:	VEGAPUL C 21, C 22	_	Type no	wo-wire 4 20 mA/HART on-Ex, intrinsically safe, ust-Ex		
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 co	mparison	with the pre	edecessor	version:			
- Measurement function:							
 Error in the close rang 	 Error in the close range in the application "Bulk solids" corrected 						
 Extending the addition basin" application to 8 		at the end o	f the meas	suring range i	n the "stormwater overflow		
- Bluetooth communication:							
 Sensor now allows up 	to 5 simu	Itaneous co	nnections	(but only one	communicating VVO)		
For detailed information see overvie	ew of the v	versions in t	he downlo	ad area unde	r <u>www.vega.com/downloads</u> .		
3. Hardware							
Previous hardware version:		1 . 0	2 . 0	0 Dated	November 2019		
New hardware version:		1		Dated			
Description of the modification in co	mparison	with the pre	edecessor	version:			
For detailed information see overvie	ew of the v	versions in t	he downlo	ad area unde	r <u>www.vega.com/downloads</u> .		
4. Software compatibility							
Is a software update necessary?							
⊠ No							
☐ Yes, reason:							



ls d ⊠ □						
Hov		ftware update be carried out (description of the procenent tool PACTware/DTM	edure)?			
4. C	perating in	structions				
Was	s the operati Yes,	ing instructions changed due to the software/hardwa	re modification?			
		Instrument type	New instruction no.	Dated		
		VEGAPULS C 21, two-wire 4 20 mA/HART	58341	2021-04-22		
		VEGAPULS C 22, two-wire 4 20 mA/HART	58344	2021-04-22		
		VEGAPULS C 23, two-wire 4 20 mA/HART	58347	2021-03-09		
	No,			'		
		Instrument type	Previous instruction no.	Dated		
5 P	rice					
	the price ch No Yes	ange?				
Pre	vious list pri	ce of the instrument:€				
Pric	•	f the instrument:				
	2021- Date	.06-01 / L	gnature	2		



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 2	Two-wire 4 20 mA/HART Type non-Ex, intrinsically safe, dust-Ex
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 co	omparison with the predec	essor version:
 Extensions for internationa Additional encryption of Blue Increased accuracy of the Various error corrections For detailed information see overvi	uetooth communication first measured value	ownload area under <u>www.vega.com/download</u>
3. Hardware		
Previous hardware version:	1 . 0 2	. 0 0 Dated November 2019
New hardware version:		. Dated
Description of the modification in co	omparison with the predec	essor version:
For detailed information see overvi	ew of the versions in the d	ownload area under <u>www.vega.com/download</u>
4. Software compatibility		
Is a software update necessary?		
⊠ No		
☐ Yes, reason:		
Is downward compatibility given aft	ter installation of the new s	oftware?
⊠ Yes		
□ No, description:		



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

4. C)perat	ina	instru	uctions

Was the operating instructions changed due to the software/hardware modification
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⊠ Yes,

Instrument type	New instruction no.	Dated
VEGAPULS C 21, two-wire 4 20 mA/HART	58341	2020-08-06
VEGAPULS C 22, two-wire 4 20 mA/HART	58344	2020-08-06
VEGAPULS C 23, two-wire 4 20 mA/HART	58347	2020-08-06

□ No,

Instrument type	Previous instruction no.	Dated

b. 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. Jumas Das
Date	Signature