

Manufacturer information week 09/2021

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

1. Type of instrument

- Field device
 Signal processing instrument
 Display/adjustment system
 Adjustment software

Manufacturer: VEGA Grieshaber
KG

Instr.: VEGAPULS Air
41/42

Type
: LoRa

2. Software

Previous software version:

0	1	.	0	0	.	0	0
		.			.		

Dated 1/2021

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 I

Previous hardware version:

0	1	.	0	0	.	0	0
0	1	.	0	0	.	0	1

Dated 1/2021

New hardware version:

0	1	.	0	0	.	0	1
		.			.		

Dated 1/2021

Description of the modification in comparison with the predecessor version:

Optimization of cellular and LoRa reception and transmission strength

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)

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 Air 41/42	64579, 64808	20.12.15

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): _____ €

2021-01-28

Date

i. V. Thomas Dal

Signature

Manufacturer information week 18/2021

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

1. Type of instrument

- Field device
 Signal processing instrument
 Display/adjustment system
 Adjustment software

Manufacturer: VEGA Grieshaber
KG

Instr.: VEGAPULS Air
41/42

Type
: LoRa

2. Software

Previous software version:

0	1	.	0	0	.	0	0
0	1	.	0	1	.	0	0

Dated 1/2021

New software version:

0	1	.	0	0	.	0	0
0	1	.	0	1	.	0	0

Dated 5/2021

Description of the modification in comparison with the predecessor version:

- Each time the sensor is activated via NFC or magnetic pen, a join (LoRa only) and a measured value transmission is triggered
- No more error status is set for inclinations above 20°
- Transmission interval, reset values to 6 hour interval
- The position is determined when the radio cell is changed

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

3. Hardware I

Previous hardware version:

0	1	.	0	0	.	0	1
		.			.		

Dated 1/2021

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)

4. Operating instructions

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

Yes,

Instrument type	New instruction no.	Dated
VEGAPULS Air 41/42	64579, 64808	13.4.2021

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): _____ €

4.05.2021

 Date

i. V. Thomas Dals

 Signature

Manufacturer information week 47/2021

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

1. Type of instrument

- Field device
 Signal processing instrument
 Display/adjustment system
 Adjustment software

Manufacturer: VEGA Grieshaber
KG

Instr.: VEGAPULS Air
41/42

Type
: LoRa

2. Software

Previous software version:

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

Dated 5/2021

New software version:

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

Dated 11/2021

Description of the modification in comparison with the predecessor version:

- Adaptations for LoRa software 1.1.6
- New bands available IN868, AU915, KR920 (only with LoRa software 1.16)
- When a join is triggered, the spread factor, data rate and repetitions are set to default.
- Assignment of country to band adapted
- Reset value changed from ADR to ON
- Device answers to LinkADRReq sommand (only with boot part software 1.0.2.1)

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

3. Hardware I

Previous hardware version:

0	1	.	0	0	.	0	1
		.			.		

Dated 1/2021

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)

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 Air 41/42	64579, 64808	22.4.2021

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): _____ €

2021-11-24
Date

i. V. Thomas Dal
Signature

Manufacturer information week 03/2022

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

1. Type of instrument

- Field device
 Signal processing instrument
 Display/adjustment system
 Adjustment software

Manufacturer: VEGA Grieshaber
KG

Instr.: VEGAPULS Air
41/42

Type
: LoRa

2. Software

Previous software version:

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

Dated 11/2021

New software version:

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

Dated 03/2022

Description of the modification in comparison with the predecessor version:

- IMEI readable

Error corrections

- LoRa
 - o ADR functions also with NBTrans > 1

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

3. Hardware I

Previous hardware version:

0	1	.	0	0	.	0	1
		.			.		

Dated 1/2021

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)

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 Air 41/42	64579, 64808	22.4.2021

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): _____ €

2022-03-14

 Date

i. V. Thomas Dal

 Signature

Manufacturer information week 01/2023

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

1. Type of instrument

- Field device
 Signal processing instrument
 Display/adjustment system
 Adjustment software

Manufacturer: VEGA Grieshaber
KG

Instr.: VEGAPULS Air
41/42

Type
: LoRa

2. Software

Previous software version:

0	1	.	0	2	.	0	0

Dated 03/2022

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 I

Previous hardware version:

0	1	.	0	0	.	0	1

Dated 1/2021

New hardware version:

0	1	.	0	1	.	0	0

Dated 1/2023

Description of the modification in comparison with the predecessor version:

Function extensions

- Use of the latest LoRa module with support of the following bands IN868, AU916 and KR920
- Removal of unnecessary components

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)

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 Air 41/42	64579, 64808	22.4.2021

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): _____ €

2023-01-09
Date

J. V. Thomas D. L.
Signature

Manufacturer information week 03/2023

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

1. Type of instrument

- Field device
 Signal processing instrument
 Display/adjustment system
 Adjustment software

Manufacturer: VEGA Grieshaber
KG

Instr.: VEGAPULS Air
41/42

Type
: LoRa

2. Software

Previous software version:

0	1	.	0	2	.	0	0

Dated 03/2022

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 I

Previous hardware version:

0	1	.	0	0	.	0	1

Dated 1/2021

New hardware version:

0	2	.	0	0	.	0	1

Dated 2/2023

Description of the modification in comparison with the predecessor version:

Function extensions

- Prepare for software 2.0.0

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)

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 Air 41/42	64579, 64808	22.4.2021

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): _____ €

2023-03-09

 Date

i. V. Thomas Dal

 Signature

Manufacturer information week 05/2023

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

1. Type of instrument

- Field device
 Signal processing instrument
 Display/adjustment system
 Adjustment software

Manufacturer: VEGA Grieshaber
KG

Instr.: VEGAPULS Air
41/42

Type
: LoRa

2. Software

Previous software version:

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

Dated 03/2022

New software version:

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

Dated 05/2023

Description of the modification in comparison with the predecessor version:

Comprehensive changes, see versions history

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

3. Hardware I

Previous hardware version:

0	2	.	0	0	.	0	1
		.			.		

Dated 1/2023

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:

A software update from version 1.x.x to 2.x.x is not possible

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

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 Air 41/42	64579, 64808	22.4.2021

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): _____ €

2023-05-03

 Date

i. V. Thomas Dal

 Signature

Manufacturer information week 05/2023

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

1. Type of instrument

- Field device
 Signal processing instrument
 Display/adjustment system
 Adjustment software

Manufacturer: VEGA Grieshaber
KG

Instr.: VEGAPULS Air
41/42

Type
: LoRa

2. Software

Previous software version:

0	2	.	0	0	.	0	1

Dated 05/2023

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 I

Previous hardware version:

0	2	.	0	0	.	0	1

Dated 1/2023

New hardware version:

0	2	.	0	1	.	0	0

Dated 5/2023

Description of the modification in comparison with the predecessor version:

- Improved battery contacting

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)

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 Air 41/42	64579, 64808	22.4.2021

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): _____ €

2023-05-09

 Date

i. V. Thomas Dal

 Signature

Manufacturer information week 08/2023

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

1. Type of instrument

- Field device
 Signal processing instrument
 Display/adjustment system
 Adjustment software

Manufacturer: VEGA Grieshaber
KG

Instr.: VEGAPULS Air
41/42

Type
: LoRa

2. Software

Previous software version:

0	2	.	0	0	.	0	1

Dated 05/2023

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 I

Previous hardware version:

0	2	.	0	1	.	0	0

Dated 5/2023

New hardware version:

0	2	.	0	2	.	0	0

Dated 8/2023

Description of the modification in comparison with the predecessor version:

Function extensions

- Use of a new power pack with 1 battery

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)

4. Operating instructions

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

Yes,

Instrument type	New instruction no.	Dated
VEGAPULS Air 41/42	64579, 64808	7.7.23

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): _____ €

2023-07-07

 Date

i. V. Thomas Dal

 Signature

Manufacturer information week 10/2024

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

1. Type of instrument

- Field device
 Signal processing instrument
 Display/adjustment system
 Adjustment software

Manufacturer: VEGA Grieshaber
KG

Instr.: VEGAPULS Air
41/42

Type
: LoRa

2. Software

Previous software version:

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

Dated 05/2023

New software version:

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

Dated 10/2024

Description of the modification in comparison with the predecessor version:

Function extensions

- LoRaWAN
 - o New Re-Join function with LinkCheck is activated by default
 - o New default band AS928 for Australia and New Zealand
 - o Private network can be switched on
- Increased security thanks to updated encryption algorithms
- Increase battery life by shortening the start time
- Entries in the event memory when a FOTA update is carried out
- Software update of the entire device via mobile radio is encrypted

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

3. Hardware I

Previous hardware version:

0	2	.	0	2	.	0	0
		.			.		

Dated 8/2023

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)

4. Operating instructions

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

- Yes,

Instrument type	New instruction no.	Dated
VEGAPULS Air 41/42	64579, 64808	17.9.24

- 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): _____ €

2024-10-11

 Date

J. V. Thomas Dal

 Signature