

# Manufacturer Information

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 6X      **Type** : Two-wire HART

## 2. Software

Previous software version: 

	1
	2

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	2
	0

 Dated March 2023

New software version: 

	1
	3

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	1
	1

 Dated May 2024

Description of the modification in comparison with the predecessor version:

- SIL
  - Setup assistand delivers additional information on the setup
  - SIL diagnostics can be switched off
- Measurement function
  - SIL diagnostics can be switched off

For detailed information see overview of the versions in the download area under [www.vega.com/downloads](http://www.vega.com/downloads).

## 3. Hardware

Previous hardware version: 

	1
	1

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	1
	4

 Dated May 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](http://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 6X two-wire 4 ... 20 mA/HART	66190	21.9.2023
VEGAPULS 6X two-wire 4 ... 20 mA/HART with overvoltage protection	66442	21.9.2023
VEGAPULS 6X four-wire 4 ... 20 mA/HART 9.6 ... 48 V DC, 20 ... 42 V AC, 50/60 Hz	1023774	21.9.2023
VEGAPULS 6X four-wire 4 ... 20 mA/HART 90 ... 253 V AC; 50/60 Hz	1023773	21.9.2023
VEGAPULS 6X two-wire 4 ... 20 mA/HART plus second current output 4 ... 20 mA	66443	21.9.2023
VEGAPULS 6X Modbus and Levelmaster protocol	1015559	21.9.2023

## 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): \_\_\_\_\_ €

27.5.2024  
Date

*i. V. Thomas Ditz*  
Signature

## Manufacturer Information

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### 1. Type of instrument

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

**Manufacturer:** VEGA Grieshaber  
KG

**Instr.:** VEGAPULS 6X **Type** : Two-wire HART

### 2. Software

Previous software version: 

	1

 . 

	2

 . 

	0

 Dated March 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](http://www.vega.com/downloads).

### 3. Hardware

Previous hardware version: 

	1

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	1

 . 

	2

 Dated September 2022

New hardware version: 

	1

 . 

	1

 . 

	4

 Dated May 2023

Description of the modification in comparison with the predecessor version:

- Smaller circuit board correction
- No functional change

For detailed information see overview of the versions in the download area under [www.vega.com/downloads](http://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 6X	66190	7.11.2022
VEGAPULS 6X with overvoltage protection	66442	7.11.2022

## 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): \_\_\_\_\_ €

2023-05-17  
Date

*J. V. Thomas*  
Signature

## Manufacturer Information

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 6X      **Type** : Two-wire HART

### 2. Software

Previous software version: 

	1

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	1

 . 

	0

 Dated July 2022  
 New software version: 

	1

 . 

	2

 . 

	0

 Dated March 2023

Description of the modification in comparison with the predecessor version:

- Measurement function:
  - Support for additional antennas
    - PVDF thread with integrated antenna system
    - Hygienic fitting
    - Flange with horn antenna
  - Support of applications standpipe and bypass
  - Extension of the adjustment limits to -120 m and +120 m
- In general
  - Support of additional electronics 2nd current output, four-wire and Modbus.
  - Report of the device test shows more detailed information about pending errors.
  - Changing the default settings of the measured value memory: Additional measured value recording if the percentage value difference is greater than 15 %.

Fault rectification

- Measurement function
  - Sensor outputted a fault current for a short time when the measuring function was re-parameterised.
  - The sensor output a wrong current value when
    - scaled level value was assigned to the current output and "mm", "ft", "°K" or "°F" was adjusted as scaling unit.
    - the level or distance value was assigned to the current output and "in" was set as the distance unit.
- General information:
  - After performing a reset, it could happen that the sensor restarted.
- PLICSCOM:
  - The device settings from a VEGAPULS 64 or VEGAPULS 69 could be written incorrectly into a VEGAPULS 6X.
  - The scaling adjustment could not be inverted.
  - The sensor could possibly fail when copying the device settings.
  - Display error in the Chinese menu fixed.

For detailed information see overview of the versions in the download area under [www.vega.com/downloads](http://www.vega.com/downloads).

### 3. Hardware

Previous hardware version: 

	1

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	1

 . 

	1

 Dated August 2022

New hardware version: 


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 . 


 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](http://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 6X	66190	7.11.2022
VEGAPULS 6X with overvoltage protection	66442	7.11.2022

## 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): \_\_\_\_\_ €

29.3.2023

\_\_\_\_\_  
Date

*J. V. Thomas J. S.*

\_\_\_\_\_  
Signature

## Manufacturer Information

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 6X **Type** : Two-wire HART

### 2. Software

Previous software version: 

	1

 . 

	1

 . 

	0

 Dated July 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](http://www.vega.com/downloads).

### 3. Hardware I

Previous hardware version: 

	1

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	1

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	1

 Dated August 2022  
 New hardware version: 

	1

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	1

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	2

 Dated September 2022

Description of the modification in comparison with the predecessor version:

- Change of the component availability
- No functional change

For detailed information see overview of the versions in the download area under [www.vega.com/downloads](http://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 6X	66190	2022-01-17
VEGAPULS 6X with overvoltage protection	66442	2022-01-17

## 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): \_\_\_\_\_ €

2022-10-24  
 \_\_\_\_\_  
 Date

*J. V. Thomas*  
 \_\_\_\_\_  
 Signature

## Manufacturer Information

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

### 1. Type of instrument

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Field device   | <input type="checkbox"/> Signal processing instrument |
| <input type="checkbox"/> Display/adjustment system | <input type="checkbox"/> Adjustment software          |

**Manufacturer:** VEGA Grieshaber  
KG

**Instr.:** VEGAPULS 6X      **Type** : Two-wire HART

### 2. Software

Previous software version: 

	1

 . 

	1

 . 

	0

 Dated July 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](http://www.vega.com/downloads).

### 3. Hardware I

Previous hardware version: 

	1

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	1

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	0

 Dated July 2022

New hardware version: 

	1

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	1

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	1

 Dated September 2022

Description of the modification in comparison with the predecessor version:

- Solving of problems with component scattering
- No functional change

For detailed information see overview of the versions in the download area under [www.vega.com/downloads](http://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 6X	66190	2022-01-17
VEGAPULS 6X with overvoltage protection	66442	2022-01-17

## 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): \_\_\_\_\_ €

2022-10-10  
Date

*J. V. Thomas*  
Signature

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## 1. Type of instrument

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 Display/adjustment system
  Adjustment software

**Manufacturer:** VEGA Grieshaber  
KG

**Instr.:** VEGAPULS 6X **Type** : Two-wire HART

## 2. Software

Previous software version: 

	1

 . 

	0

 . 

	0

 Dated March 2022

New software version: 

	1

 . 

	1

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	0

 Dated July 2022

Description of the modification in comparison with the predecessor version:

- Support of the SIL mode
- Fault rectification

For detailed information see overview of the versions in the download area under [www.vega.com/downloads](http://www.vega.com/downloads).

## 3. Hardware I

Previous hardware version: 

	1

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	0

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	0

 Dated March 2022

New hardware version: 

	1

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	1

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	0

 Dated July 2022

Description of the modification in comparison with the predecessor version:

- Changes for Ex approval

For detailed information see overview of the versions in the download area under [www.vega.com/downloads](http://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 6X	66190	2022-01-17
VEGAPULS 6X with overvoltage protection	66442	2022-01-17

## 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): \_\_\_\_\_ €

2022-09-06  
Date

*J. V. Thomas*  
Signature