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	.	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.

3. Hardware

Previous hardware version:		1	.	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.

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

Signature

VEGA

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:		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 outpt 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.

3. Hardware

Previous hardware version: | | 1 | . | | 1 | . | | 1 | Dated   August 2022

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.

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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

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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   Signature

VEGA

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.

3. Hardware I

| Previous hardware version: | | 1 | . | 1 | . | 1 | Dated | August 2022 |
| New hardware version: | | 1 | . | 1 | . | 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.

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

i. V. _Thomas Ott_
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.

3. Hardware I

Previous hardware version:		1	.	1	.	0	Dated July 2022
New hardware version:		1	.	1	.	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.

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

i. V. Thomas Dal
Signature

VEGA

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	.	0	.	0	Dated March 2022
New software version:		1	.	1	.	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.

3. Hardware I

Previous hardware version:		1	.	0	.	0	Dated March 2022
New hardware version:		1	.	1	.	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.

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

i. V. _Thomas Gut_
Signature