Manufacturer Information CW40/2018

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

1. Type of device

☐ Field device
☐ Monitoring-operating system
☒ Operating system software
☐ Signal processing device

Manufacturer: VEGA Grieshaber KG
Device: Type: DTM Collection 10/2018

2. Software

Previous software version: 1.81.0 dated 5.4.2018
New software version: 1.82.0 dated 5.4.2018

Description of the modification in comparison with the predecessor version:
The DTM Collection 10/2018 contains the frame application PACTware as well as the corresponding DTMs of the VEGA instruments.

Description of the changes compared to the previous version:
Function extension of the VEGA DTM Collection. Further details of the software history and the function volume on the VEGA homepage: www.vega.com under Downloads.

3. Hardware

Previous hardware version: New hardware version: dated

Description of the modification in comparison with the predecessor version:
<brief summary of the changes>

4. Software compatibility

Is a software replacement necessary?
☐ No
☒ Yes, reason: Support of VEGAFLEX 80 Modbus and PROTRAC devices since version 2.1 as well require an update to VEGA DTM version 1.82.0.

Is compatibility given after installation of the new software?
☒ Yes
☐ No, description:
How can the replacement be carried out? (Description of the procedure)
The software update is carried out with the setup on the PC.

4. Instruction manual

Is a modification of the instruction manual necessary due to the modification of the software or hardware?
☒ Yes,

<table>
<thead>
<tr>
<th>Device type</th>
<th>new instruction no.</th>
<th>dated</th>
</tr>
</thead>
<tbody>
<tr>
<td>PACTware/DTM Collection</td>
<td>28243</td>
<td>14.09.2018</td>
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☐ No,

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<tbody>
<tr>
<td>PACTware/DTM Collection</td>
<td>28243</td>
<td>16.02.2018</td>
</tr>
</tbody>
</table>

5. Price

Change in price of device in comparison with previous version?
☒ No
☐ Yes

Previous list price of device: ___________________________ €
New list price of device: ___________________________ €
Price for update (without installation): ___________________________ €

17.9.2018
Date

Signature
1. Type of device

☐ Field device  ☐ Signal processing device
☐ Monitoring-operating system  ☒ Operating system software

Manufacturer: VEGA Grieshaber KG  Device:  Type: DTM Collection 04/2018

2. Software

Previous software version: 1.8.0.0 dated 26.6.2017
New software version: 1.8.1.0 dated 5.4.2018

Description of the modification in comparison with the predecessor version:
The DTM Collection 04/2018 contains the frame application PACTware as well as the corresponding DTMs of the VEGA instruments.

Description of the changes compared to the previous version:
Function extension of the VEGA DTM Collection. Further details of the software history and the function volume on the VEGA homepage: www.vega.com under Downloads.

3. Hardware I

Previous hardware version: dated
New hardware version: dated

Description of the modification in comparison with the predecessor version:
<brief summary of the changes>

4. Software compatibility

Is a software replacement necessary?
☒ No
☐ Yes, reason:

Is compatibility given after installation of the new software?
☒ Yes
☐ No, description:
How can the replacement be carried out? (Description of the procedure)
The software update is carried out with the setup on the PC.

4. Instruction manual

Is a modification of the instruction manual necessary due to the modification of the software or hardware?
☒ Yes,

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<tr>
<td>PACTware/DTM Collection</td>
<td>28243</td>
<td>17.05.2017</td>
</tr>
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</table>

5. Price

Change in price of device in comparison with previous version?
☒ No
☐ Yes

Previous list price of device: ____________________________ €

New list price of device: ____________________________ €

Price for update (without installation): ____________________________ €

3.4.2018
Date ____________________________ Signature ____________________________
Manufacturer Information CW26/2017

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

1. Type of device

☐ Field device
☐ Monitoring-operating system
☐ Signal processing device
☒ Operating system software

Manufacturer: VEGA Grieshaber KG

Device: Type: DTM Collection
07/2017

2. Software

Previous software version: 1.7.9.0 dated 13.3.2017
New software version: 1.8.0.0 dated 26.6.2017

Description of the modification in comparison with the predecessor version:
The DTM Collection 07/2017 contains the frame application PACTware as well as the corresponding DTMs of the VEGA instruments.

Description of the changes compared to the previous version:
Function extension of the VEGA DTM Collection. Further details of the software history and the function volume on the VEGA homepage: www.vega.com under Downloads.

3. Hardware

Previous hardware version: dated
New hardware version: dated

Description of the modification in comparison with the predecessor version:
<brief summary of the changes>

4. Software compatibility

Is a software replacement necessary?
☐ No
☒ Yes, reason:
The DTM for support of VEGADIF 85 has been added to the DTM-Collection initially

Is compatibility given after installation of the new software?
☒ Yes
☐ No, description:
How can the replacement be carried out? (Description of the procedure)
The software update is carried out with the setup on the PC.

4. Instruction manual

Is a modification of the instruction manual necessary due to the modification of the software or hardware?
☒ Yes,

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<tr>
<td>PACTware/DTM Collection</td>
<td>28243</td>
<td>01.03.2017</td>
</tr>
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</table>

5. Price

Change in price of device in comparison with previous version?
☒ No
☐ Yes

Previous list price of device: __________________________ €
New list price of device: __________________________ €
Price for update (without installation): __________________________ €

23.6.2017 __________________________
Date __________________________
Signature __________________________
Manufacturer Information CW11/2017

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

1. Type of device

☐ Field device  ☐ Signal processing device
☐ Monitoring-operating system  ☒ Operating system software

Manufacturer: VEGA Grieshaber KG  Device: Type: DTM Collection 03/2017

2. Software

Previous software version: 1.7.8.0 dated 1.12.2016
New software version: 1.7.9.0 dated 13.3.2017

Description of the modification in comparison with the predecessor version:
The DTM Collection 03/2017 contains the frame application PACTware as well as the corresponding DTMs of the VEGA instruments.

Description of the changes compared to the previous version:
Function extension of the VEGA DTM Collection. Further details of the software history and the function volume on the VEGA homepage: www.vega.com under Downloads.

3. Hardware I

Previous hardware version:  .   .   dated
New hardware version:  .   .   dated

Description of the modification in comparison with the predecessor version:
<brief summary of the changes>

4. Software compatibility

Is a software replacement necessary?
☐ No
☒ Yes, reason:
The DTM for support of PLICSMOBILE T81 has been added to the DTM-Collection initially

Is compatibility given after installation of the new software?
☒ Yes
☐ No, description:
How can the replacement be carried out? (Description of the procedure)
The software update is carried out with the setup on the PC.

4. Instruction manual

Is a modification of the instruction manual necessary due to the modification of the software or hardware?
☒ Yes,

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<tr>
<td>PACTware/DTM Collection</td>
<td>28243</td>
<td>24.10.2016</td>
</tr>
</tbody>
</table>

5. Price

Change in price of device in comparison with previous version?
☒ No
☐ Yes

Previous list price of device: ____________ €
New list price of device: ____________ €
Price for update (without installation): ____________ €

13.3.2017
Date

Signature
Manufacturer Information CW49/2016

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

1. Type of device

☐ Field device
☐ Monitoring-operating system
☒ Signal processing device
☒ Operating system software

Manufacturer: VEGA Grieshaber KG  Device: Type: DTM Collection 12/2016

2. Software

Previous software version: 1.7.7.1 dated 1.10.2016
New software version: 1.7.8.0 dated 1.12.2016

Description of the modification in comparison with the predecessor version:
The DTM Collection 12/2016 contains the frame application PACTware as well as the corresponding DTMs of the VEGA instruments.

Description of the changes compared to the previous version:
Function extension of the VEGA DTM Collection. Further details of the software history and the function volume on the VEGA homepage: www.vega.com under Downloads.

3. Hardware I

Previous hardware version: 
New hardware version: 

dated 

Description of the modification in comparison with the predecessor version:
<brief summary of the changes>

4. Software compatibility

Is a software replacement necessary?
☒ No
☐ Yes, reason:

Is compatibility given after installation of the new software?
☒ Yes
☐ No, description:
How can the replacement be carried out? (Description of the procedure)
The software update is carried out with the setup on the PC.

4. Instruction manual

Is a modification of the instruction manual necessary due to the modification of the software or hardware?

☒ Yes,

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5. Price

Change in price of device in comparison with previous version?

☒ No

☐ Yes

Previous list price of device: ____________________________ €
New list price of device: _______________________________ €
Price for update (without installation): ____________________________ €

1.12.2016
Date ____________________________
Signature ____________________________
Manufacturer Information CW39/2016
Software and hardware changes (according to NAMUR recommendation NE 53)

1. Type of device
☐ Field device  ☐ Signal processing device
☐ Monitoring-operating system  ☒ Operating system software

Manufacturer: VEGA Grieshaber KG  Device:  Type: DTM Collection 10/2016

2. Software
Previous software version:  1.77.0 dated 1.6.2016
New software version:  1.77.1 dated 1.10.2016

Description of the modification in comparison with the predecessor version:
The DTM Collection 10/2016 contains the frame application PACTware as well as the corresponding DTMs of the VEGA instruments.

Description of the changes compared to the previous version:
Function extension of the VEGA DTM Collection. Further details of the software history and the function volume on the VEGA homepage: www.vega.com under Downloads.

3. Hardware I
Previous hardware version:  .   .   dated   
New hardware version:  .   .   dated   

Description of the modification in comparison with the predecessor version:
<b brief summary of the changes>

4. Software compatibility
Is a software replacement necessary?
☐ No  ☒ Yes, reason:
   For users of VEGAPULS WL S 61 only

Is compatibility given after installation of the new software?
☒ Yes
☐ No, description:
How can the replacement be carried out? (Description of the procedure)
The software update is carried out with the setup on the PC.

4. Instruction manual

Is a modification of the instruction manual necessary due to the modification of the software or hardware?
☒ Yes,

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<td>28243</td>
<td>10.5.2016</td>
</tr>
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</table>

5. Price

Change in price of device in comparison with previous version?
☒ No
☐ Yes

Previous list price of device: ____________________________ €
New list price of device: ____________________________ €
Price for update (without installation): ____________________________ €

1.10.2016
Date

Signature
Manufacturer information
Software and hardware changes (similar to NAMUR recommendation NE 53)

1. Instrument type

☐ 1. Field device
☐ 3. Display/adjustment component
☒ 4. Adjustment software

Manufacturer: VEGA Grieshaber KG
Instrument: _______________________
Type: DTM Collection 06/2016

2. Software

Previous software version: 1.7.6.0 of 01.03.2016
New software version: 1.7.7.0 of 01.06.2016

The DTM Collection 06/2016 contains the frame application PACTware as well as the corresponding DTMs of the VEGA instruments.

Description of the changes compared to the previous version:
Function extension of the VEGA DTM Collection. Further details of the software history and the function volume on the VEGA homepage: www.vega.com under Downloads.

3. Hardware

Previous hardware version: _______________________
New hardware version: _______________________

Description of the changes compared to the previous version:
Not relevant
4. Software compatibility

Is a software update necessary?
☒ No ☐ Yes Exception new instruments requiring a new DTM which was not available in the previous version of the DTM Collection.

Is there a downward compatibility after the software update?
☒ Yes ☐ No, description:

How is the software update carried out (description of the procedure)?
If necessary (new instrument or function extensions), the software update is carried out with the setup on the PC.

4. Operating instructions

Was the operating instructions changed due to the software/hardware modification?
☒ Yes, new instruction no.: 28243 of: 10.05.2016 ☐ No, previous instruction no.: _____________ of: _____________

5. Instrument price

Did the instrument price change?
☒ No ☐ Yes

Previous instrument list price: _____________ €
New instrument list price: _____________ €
Price for one update (without installation): _____________ €

03. June 2016
__________________________________________  ______________________
Date                                          Signature