Manufacturer Information

for users regarding software updates
(following the NAMUR recommendation 53)

1   Type of device

☒ Field device / signal processing device
☐ Monitoring- / operation system / hand held terminal etc.
☐ Modem / interface

Manufacturer	: Endress+Hauser
Device	: Liquistation
Type	: CSF48, CSF34
Previous software version	: 1.05.00

How can the previous software version number be identified:

(a) With standard Fieldbus communication
(b) with FieldCare/DTM
(c) Display

2   Software

New software version   : 1.05.01

Description of the modification in comparison with the predecessor version:

Samper - New Features, Enhancements & Improvements:
- Progress indication at binary output for manual sampling
- Fixed flow totalizer to enable flow dependent sampling programs
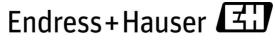
Enhancements & Improvements:
- Support of the optical sensors for fresh water turbidity CUS52D
- improved software stability for the Liquiline device platform
- Corrected diagnostic message F262 "Electronics module no communication"
- For easy commissioning via the Ethernet network the factory setting is DHCP = on

Known issue with this software version
- Update from 1.04.xx to 1.05.00 or 1.05.01 will lose all Profibus settings.
  Work around: reset device and set all settings manually new! Copying a stored configuration file will lead to the same issue.
- In some cases the export of the logbooks via the webserver was not complete. In this case please repeat the download or transfer the data with the sd card.

3   Compatibility

Is the operating tool compatible with the installed device software?

Endress+Hauser **EH**

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☒ Yes
☐ No, description:

Is a software update generally recommended?

☐ Yes, reason:

The software update can be performed by means of …
- SD card

☒ No, reason:

Update not recommended

4 Instruction manual

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

☐ Yes
☒ No

Which manual corresponds to the new software:

Device	Communication options		Manual Marking
CSF48, CSF34	All	BA00443CDE.pdf	Liquistation Commissioning
		BA00463CDE.pdf	Liquistation Maintenance & Diagnostics
		BA00464CDE.pdf	Liquistation Operation & Setting
		BA00467CDE.pdf	Liquistation Calibration

The new instruction manuals can be referred in Internet:
http://www.endress.com   - area „DOWNLOAD"
                          - declaration of the device and kind of manual

5 Price

Change in price of device in comparison with the predecessor version?

☐ Yes, new list price and update costs (without installation) are enclosed
☒ No

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