



# 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

- 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?

- Yes
- No, description:



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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
		BA00463CDE.pdf
		BA00464CDE.pdf
		BA00467CDE.pdf
		Liquistation Commissioning
		Liquistation Maintenance & Diagnostics
		Liquistation Operation & Setting
		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