



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 : 1.04.00

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 : 1.04.01

Description of the modification in comparison with the predecessor version:

Samper - New Features, Enhancements & Improvements:

- Withdraw of diagnostic message after repair of broken wire
- Corrected transformation of sample programs after software-update

Enhancements & Improvements:

- Faster initial start of the oxygen sensor COS22D
- Stored Profibus-Adresse while software update
- Minutes are included in timestamp for Profibus transfer
- Timestamp of the logbooks according used time zone
- Transfer of the logbooks via Webbrowser enhanced to bigger sizes of the logbooks
- Measurement range switch robust against wrong configurations

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 only necessary if functional enhancements are desired

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