







# 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
Туре	: 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:**

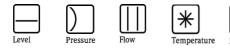
- Faster initial start of the oxygen sensor COS22D
- Stored Profibus-Adresse while software update
- Minutes are included in timestamp for Profibus transfer
- Timestamp of the logbooks according used time zone
- Transfer of the logbooks via Webbrowser enhanced to bigger sizes oft he logbooks
- Measurement 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	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: <u>http://www.endress.com</u> - area "DOWNLOAD" - declaration of the device and kind of manual

## 5 Price

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

 $\hfill\square$  Yes, new list price and update costs (without installation) are enclosed  $\boxtimes$  No

