







Manufacturer Information

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

1 Type of device

- ☑ Field device / signal processing device
- \square Monitoring- / operation system / hand held terminal etc.
- □ Modem / interface

Manufacturer	: Endress+Hauser Conducta GmbH+Co)
Device	: Liquistation	
Туре	: CSF48, CSF34	

Previous software version : 1.03.00

How can the previous software version number be identified:

- (a) With standard HART or Profibus Communication
- (b) with FieldCare/DTM
- (c) Display

2 Firmware/Software

New firm-/software version : 1.03.01

Description of the modification in comparison with the predecessor version:

Functional enhancements

- HOLD-Softkey within the measurement screen views
- HOLD during cleaning
- Support of the new relay modules 2R and 4R
- Reset of lamp operating hour counter at CAS51D

Functional improvements:

- Save of the configured Nitrate measurement unit
- Continuous temperature control in the sample room

3 Compatibility

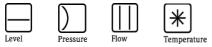
Is the newly installed firmware/software compatible with the operating tools?

- 🛛 Yes
- \Box No, description:

Is a firm/software update generally recommended?

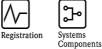


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Analysis





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□ Yes, reasons:

The firm-/software update can be performed by means of \ldots

SC-card

 \boxtimes No, reasons:

Update only necessary if functional enhancements are desired

4 Instruction manual

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

- ⊠ Yes
- □ No

Which manual corresponds to the new firm-/software:

Device	Commu	unication options Manual	Marking
CSF48	all	BA00443CEN_1511.pdf	Liquistation Commissioning
		BA00463CEN_1511.pdf	Liquistation Maintenance & Diagnostics
		BA00464CEN_1511.pdf	Liquistation Operatin & Settings
		BA00467CEN_1511.pdf	Liquistation Calibration



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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 enclosured \boxtimes No



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