



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 Conducta GmbH+Co
 Device : Liquistation
 Type : 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
- No, description:

Is a firm/software update generally recommended?



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Yes, reasons:

The firm-/software update can be performed by means of ...
SC-card

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 | Communication 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:
<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