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	: Liquiline
Type	: CM442, CM444, CM448
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:

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:

Is a software update generally recommended?

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☐ 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
CM442/444/448	All	BA00444CEN.pdf	Operation Manual Liquiline
		BA01245CEN.pdf	Operation Manual Memosens

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

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