# 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 | : CM42-(M/N/P)xxxxxxxxx   (pH/ORP) |
| Previous software version | : 10.07.02 |

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      : 10.07.03

Description of the modification in comparison with the predecessor version:

**Enhancements & Improvements:**
- Diagnostic code C215 (simulation active) is set while current output simulation
- Timestamp in calibration logbook corrected
- No identical logbook entries when changing sensors
- Automatic detection of defective RTC (Real Time Clock)
- Enhanced current output configuration to less 1 pH possible
- Enhanced display interface to new display electronic
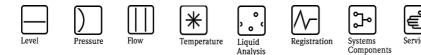- Compatibility for HART 7 prepared

## 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 …
- SystemDAT


☒ 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 |
| --- | --- | --- |
| | | |


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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