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	: Liquiline
Type	: CM44x
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
- Reset of lamp operating hour counter at CAS51D

Functional improvements:
- Save of the configured Nitrate measurement unit

3 Compatibility

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

☒ Yes
☐ No, description:

Is a firm/software update generally recommended?

☐ Yes, reasons:

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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
CM442/444/448	All	BA00444CEN.pdf	Liquiline Commissioning
		BA00445CEN.pdf	Liquiline Maintenance & Diagnostics
		BA00450CEN.pdf	Liquiline Operation & Settings
		BA00451CEN.pdf	Liquiline Calibration

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 enclosured
☒ No

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