Level Pressure Flow Temperature Liquid Analysis Registration Systems Components Services Solutions

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 GmbH+Co.KG
Device	: Micropilot M
Type	: FMR24x (HART and PROFIBUS PA) FMR250 (HART and PROFIBUS PA)
Previous software version	: V01.04.00

How can the previous software version number be identified:

(a) by standard HART commando #0
(b) by ToF Tool
(c) by Fieldcare / DTM
(d) by local operation

2 Firmware/Software

New firm-/software version : V01.05.00

Description of the modification in comparison with the predecessor version:
New software parameter to differentiate between liquid / solid applications.

3 Compatibility

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

☒ Yes

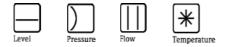– ToF Tool Field Tool Package version 4.00
 HART Communicator DXR375
 Rev.: 1, DD Rev.: 1
– Fieldcare version 2.02.02 / DTM Library Release C-2006
☐ No, description:

Is a firm/software update generally recommended?

☐ Yes, reasons:

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

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☒ No, reasons:

From a signal processing point of view an upgrade is not necessary.

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
FMR240	HART	BA220F/00/de/08.06	71030728
		BA220F/00/en/08.06	71030729
	PROFIBUS PA	BA227F/00/de/08.06	71030730
		BA227F/00/en/08.06	71030731
FMR244	HART	BA248F/00/de/08.06	71030734
		BA248F/00/en/08.06	71030735
	PROFIBUS PA	BA249F/00/de/08.06	71030736
		BA249F/00/en/08.06	71030737
FMR245	HART	BA251F/00/de/08.06	71030740
		BA251F/00/en/08.06	71030741
	PROFIBUS PA	BA252F/00/de/08.06	71030742
		BA252F/00/en/08.06	71030743
FMR250	HART	BA284F/00/de/08.06	71030746
		BA284F/00/en/08.06	71030747
	PROFIBUS PA	BA331F/00/de/08.06	71030748
		BA331F/00/en/08.06	71030749
FMR24x/250	HART / PA / FF	BA291F/00/de/01.06	71030726
		BA291F/00/en/01.06	71030727

The new instruction manuals can be referred in Internet:
http://www.endress.com   – area „DOWNLOAD"
                          – declaration of the device and kind of manual

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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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