



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 : Radiometric measurement

Type : Gammapiot M FMG60

Previous software version : V01.03.04 FF

How can the previous software version number be identified:

- (a) by PLC
- (b) by local operation FHX40 (Group selection-> system parameters
-> protocol+sw-no.
- (c) by FieldCare

2 Firmware/Software

New firm-/software version : V01.03.06 FF

Description of the modification in comparison with the predecessor version:

- (1) The clock comparison of both internal RTC's (real time clock) has been disabled.
- (2) The cascading output is no longer shut down in case of excessive radiation. The master continues to receive pulses from the slave, thus no longer generating a "slave error".
- (3) Up/download function for FieldCare for device parameters optimized.

3 Compatibility

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

- ☒ Yes
 - FHX40 (VU331)
 - FieldCare from V 2.04.00 + DTM Library V 2.19.00
 - via IPC interface

☐ No, description:



Level



Pressure



Flow



Temperature

Liquid
Analysis

Registration

Systems
Components

Services



Solutions

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Is a firm/software update generally recommended?

☐ Yes, reasons:

☒ No, reasons:

Update only necessary if error A635 (actual date not defined) or - in case of excessive radiation - "slave error" has occurred.

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
FMG60	FF	Instruction manual	BA330F/00/en/10.09 71104603
FMG60	HART, PA, FF	Description of Instrument Functions	BA287F/00/en/06.07 on FieldCare-CD

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