



Level



Pressure



Flow



Temperature

Liquid  
Analysis

Registration

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# 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 PA

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 PA

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 2.27.00

☐ No, description:



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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  | Profibus PA           | Instruction manual                     | BA329F/00/en/10.09<br>71104600        |
| FMG60  | HART, PA, FF          | Description of Instrument<br>Functions | BA287F/00/en/06.07<br>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