



# 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 : Gammapilot M FMG60

Previous software version : V01.03.04 4...20mA HART

How can the previous software version number be identified:

- (a) by standard HART Commando #0
- (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 4...20mA HART

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
  - HART Communicator DXR375
  - FHX40 (VU331)
  - FieldCare from V 2.04.00 + DTM Library V 2.19.00
- 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.

Instruments with WHG FMG60-\*xxxxxxx (\*= 4; 2; 7; M; F) or SIL FMG60-xxxxxxxB are not affected by this software update and are still delivered with software version 01.02.02. An update to version 01.03.06 is not possible due to approval reasons.

### 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	4...20mA HART	Instruction manual	BA236F/00/en/10.09 71104595
FMG60	HART, PA, FF	Description of Instrument Functions	BA287F/00/en/06.07 on FieldCare-CD
FMG60		Functional safety manual	SD230F/00/en/02.10 71103333

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