



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 : V01.03.02 4...20mA HART

How can the previous software version number be identified:

- (a) by standard HART Comando #0
- (b) by local operation FHX40 (Group selection-> system parameters
-> protocol+sw-no.
- (c) by FieldCare

2 Firmware/Software

New firm-/software version : V01.03.04 4...20mA HART

Description of the modification in comparison with the predecessor version:

- (1) New algorithm for high voltage controller
- (2) Comparison optimization from the both internal RTC's (real time clock)

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:

Only necessary if there are problem during calibration with the high voltage controller and error message A535 or W536, or if there are error A635 (actual date not defined) occur.

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 01.03.04 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/05.09 No. 71094369

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