



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 : Gammapilot M

Type : FMG60

Previous software version : V01.01.06 4...20mA HART

How can the previous software version number be identified:

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

2 Firmware/Software

New firm-/software version : V01.02.00 4...20mA HART

Description of the modification in comparison with the predecessor version:

- (1) SIL2 for this software version for max. limit switch application
with 200 and 400 mm scintillator

3 Compatibility

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

- ☒ Yes
 - ToF Tool Field Tool Package version 4.04 or higher
 - HART Communicator DXR375
 - FHX40 (VU331)
 - FieldCare ab V 2.03.00 + DTM Library V 2.15.00

☐ No, description:

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Is a firm/software update generally recommended?

☐ Yes, reasons:

☒ No, reasons:

During EMC test –only in SIL mode– we recognize a small problem which we solved with additional capacitors on the communication circuit board. For this reason a change in hardware –Ex i– and Ex e circuit board– was necessary and is not compatible with today installed FMG60.

If customer need an SIL2 upgrade for installed FMG60 200/400 mm max. limit switch, please send back the device to PC Maulburg for modification.
SIL2 hardware valid for Gammapiot M after 30. April 2007.

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/06.07 71041168
FMG60	HART, PA, FF	Description of Instrument Functions	BA287F/00/en/06.07 on ToF-Tool-CD
FMG60		Functional safety manual	SD230F/00/en/05.07 No. 71041846

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