

Manufacturer Information

For users regarding firmware and hardware updates
(in accordance with the NAMUR 53 recommendation)

1 Type of device

- ☒ Field device / signal processing device
☐ Monitoring / operating system

Manufacturer : Endress+Hauser GmbH+Co.KG, 79689 Maulburg
 Product : Mircopilot
 Part number / Order code : FMR50, FMR51, FMR52, FMR53, FMR54, FMR56, FMR57

Communication / Interface : Communication Device Type
 V01.02.zz, HART Dev Rev 3

2 Firmware, Hardware I

Type of change:

- ☒ Firmware version
☒ Hardware I revision

Firmware
 Old version / revision : Firmware V01.01.00, HART, Dev Rev 2
 New version / revision : Firmware V01.02.00, HART, Dev Rev 3

How can the old Firmware version / Hardware I revision number be identified:

1. by display (Expert -> Diagnostics -> Device Info -> Firmware version) or at start-up
2. by FieldCare

Hardware I
 Old version / revision : XPF0020-K2 (FMR50/51/52)
 XPF0020-L2 (FMR53/54)
 XPF0020-M2 (FMR56/57)
 New version / revision : XPF0020-K1 (FMR50/51/52)
 XPF0020-L1 (FMR53/54)
 XPF0020-M1 (FMR56/57)

How can the current version of the Hardware I be determined:
 Spare part number on the main electronic module

Description of the modification with respect to the old Firmware version / Hardware I revision:

1. HART 7
2. All 17 languages are available in the device
3. „Download without reboot“ is integrated
4. Number of trend data is increased to 1.000
5. SIL proof test: Test sequence D

3 Compatibility (Firmware, Hardware I)

Is the new Firmware version compatible with the previous version, the installed device drivers, the operating tool compatible / is the new Hardware I revision compatible with the previous revision?

- ☐ Yes
☒ No, description:

For the usage of the new firmware is an exchange of the main electronic module required. Flashing of an older FW-version to V01.03.00 is not possible.

DTM-operation is possible with the former DTM. For usage of the new functionalities is a new DTM required (FieldCare package 1.27.01, DTM Lib 2.42.00).

Is a Firmware / Hardware I update generally recommended?

- ☐ Yes, reason:

The firmware update / hardware exchange can be performed by means of:

- Replacement of the main electronic module

- ☒ No, reason:

- Usage of the new implemented functions

4 Instruction manual

Is a new instruction manual required because of the changes in point 2?

- ☒ Yes
☐ No

Which manual corresponds to the new Firmware version / Hardware I revision:

Device	Communication option	Manual	Documentation code
FMR50	HART	BA1045F	04.16
FMR51, FMR52	HART	BA1049F	04.16

FMR53, FMR54	HART	BA1050F	04.16
FMP56, FMR57	HART	BA1048F	04.16
FMR5x	Safety manual	SD01087F	03.16

The new instruction manuals can be downloaded from the Internet:

www.endress.com

- area "DOWNLOADS"

- enter the device details and type of manual

5 Price

Has the price of the device changed?

- ☐ Yes, new list price and update costs (without installation) are attached
- ☒ No