

Manufacturer Information

for users regarding software- and hardware changes
(According to NAMUR-Recommendation 53)

1 Type of device

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

Manufacturer : Endress+Hauser GmbH+Co.KG, 79689 Maulburg

Device : Deltapilot S

Part number/Order code : FMB 70

Fieldbus / Interface	:	Fieldbus	Device Type
		V02.20.00, HART	Dev Rev 22

2 Firmware, Hardware I

- ☒ Firmware
Previous Version : Firmware V02.11.zz, HART, Dev Rev 21
New Version : Firmware V02.20.00, HART, Dev Rev 22

- ☒ Hardware I

Versionnr:

Previous Version:	New Version:
2.00.00	2.00.00

How the current firmware and/or hardware I version number can be detected:
Firmware

1. by display (Expert -> Communication -> HART-Info -> Software-Revision) or at Start-up
2. by FieldCare

Hardware I

1. on the I/O Module
2. on the spare part sticker on the outside of the housing.

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Description of the modification in comparison with the predecessor version:

1. Support of HART7

3 Compatibility (Firmware, Hardware I)

Is the new firmware version compatible with the previous version, the installed device software drivers, or service tools and/or is the new hardware I version compatible with the previous hardware I version?

☐ Yes

☒ No, description:

DTM operation is only with new DTM possible. New DTM is included in FieldCare Version 1.24.00.

Is a firmware update and/or the exchange of hardware I components generally recommended?

☒ Yes, reason:

The update/exchange can be performed as follows:

The new DTM/ DD can be downloaded from the internet. The new DTM is included in Fieldcare update 1.24.00

☐ No, reason:

An update is recommended:

- For SIL, Shipbuilding and WHG the certificates are pending. For those devices the old version will be delivered.

4 Operating Instruction

Is a new operating instruction necessary due to the modification due to section 2?

☒ Yes

☐ No

Which operating instruction corresponds to the new firmware and/or hardware I:

Device	Communication options	Manual	Identification
FMB70	HART	Deltapilot S	BA00332P/00



Level



Pressure



Flow



Temperature



Liquid
Analysis



Registration



Systems
Components



Services



Solutions

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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

Does the price of the device change compared to its predecessor version?

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