



# 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 : Deltabar S  
 Part number/Order code : PMD75, FMD77, FMD78

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.



## Manufacturer Information

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

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
PMD75	HART	Deltabar S	BA00270P/00



## Manufacturer Information

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

FMD77	PMD75, FMD77,	BA00270P/00
FMD78	FMD78	BA00270P/00
	Pressure Device	

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