

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 SE+Co. KG	
Product	:	Cerabar / Deltabar	
Part number / Order code	:	Cerabar: PMC51B, PMC71B, PMP51B, PMP71B Deltabar: PMD55B, PMD75B, PMD78B	
Communication / Interface	:	Communication HART	Device Type Cerabar: 0x112A Deltabar: 0x1131

2 Firmware, Hardware I

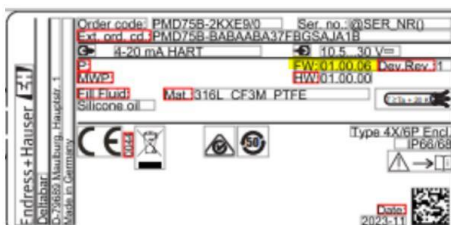
Type of change:

- Firmware version
 Hardware I revision

Old version / revision	:	01.00.06
New version / revision	:	01.01.00

How can the old Firmware version number be identified:

On name plate under FW: 01.yy.zz or via display during start-up



Description of the modification with respect to the old Firmware version:

- *New functionality for Heartbeat Technology, traceable verification according to ISO9001*
- *Event configuration via HART condensed status*
- *Introduction of new proof test procedure with Heartbeat Verification*
- *FDI-package available*

3 Functional Safety

Impact on Functional Safety:

- No
- Yes

Changes in safety figures:

- No
- Yes → new figures refer to Safety Manual (chapter 5)

4 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:

Is a Firmware / Hardware I update generally recommended?

- Yes, reason:

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

- Replacement of electronic circuit boards; communication and amplifier module (This procedure is described in the operating instructions of the measuring system).
- Flashing the new firmware by means of; service or configuration program

- No, reason:

Functional enhancement (<https://www.endress.com/en/downloads>)

5 Documentation

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
<i>Cerabar PMC51B</i>	HART	BA02009P/00/xx/06.24	Operating manual
<i>Cerabar PMC71B</i>	HART	BA02010P/00/xx/06.24	
<i>Cerabar PMP51B</i>	HART	BA02011P/00/xx/06.24	
<i>Cerabar PMP71B</i>	HART	BA02012P/00/xx/06.24	
<i>Deltabar PMD55B</i>	HART	BA02013P/00/xx/06.24	
<i>Deltabar PMD75B</i>	HART	BA02014P/00/xx/06.24	
<i>Deltabar PMD78B</i>	HART	BA02015P/00/xx/06.24	

Safety manual

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

- Yes
 No

Which safety manual corresponds to the new Firmware version:

Device	Manual	Documentation code
<i>Cerabar PMC51B</i>	<i>FY01025P/04.24</i>	<i>Functional safety</i>
<i>Cerabar PMC71B</i>	<i>FY01026P/04.24</i>	
<i>Cerabar PMP51B</i>	<i>FY01027P/04.24</i>	
<i>Cerabar PMP71B</i>	<i>FY01028P/04.24</i>	
<i>Deltabar PMD55B</i>	<i>FY01029P/04.24</i>	
<i>Deltabar PMD75B</i>	<i>FY01030P/04.24</i>	
<i>Deltabar PMD78B</i>	<i>FY01031P/04.24</i>	

Description of new proof test procedure

The new manuals can be downloaded from the Internet:

www.endress.com

- area "DOWNLOADS"

- enter the device details and type of manual

6 Price

Has the price of the device changed?

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