

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	:	<i>Endress+Hauser</i>	
Product	:	<i>Cerabar PMx71B with graphic display</i> <i>Deltabar PMD7xB with graphic display</i> <i>Micropilot FMR6xB with graphic display</i> <i>Liquiphant FTL51B, 6x with graphic display</i>	
Part number / Order code	:	<i>Order Code: -####E#### or -####F####</i> Feature 030 <i>Display; Operation</i> <i>Option E: Graphic display with touch control</i> <i>or</i> <i>Option F: Graphic display with touch control + Bluetooth</i> <i>Spare Part:</i> <i>71435775 Graphic display with touch control</i> <i>71435781 Graphic display with touch control + Bluetooth</i>	
Communication / Interface	:	Communication HART	Device Type 0x112A (Cerabar) 0x1131 (Deltabar) 0x11C4 (Liquiphant) 0x11C1 (Micropilot)

2 Firmware, Hardware I

Type of change:

- ☒ Firmware version
☐ Hardware I revision

Old version / revision : *All firmware versions of the graphical display smaller than 01.03.16*

New version / revision : *01.03.16 or higher*

How can the old Firmware version be identified:

Serial number W6##### or smaller

The serial number can be found on the backside of the display or in the device documentation (under system/Additional Information/Display/Bluetooth)

In the future, the firmware version of the display will be visible on the backside.

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

*Adjustment of the sensitivity of the optical touch control
Optimisation of the sequence for unlocking*

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:

Note:

The change of firmware of the display has no influence on the device firmware. The device firmware remains unchanged.

Is a Firmware / Hardware I update generally recommended?

- ☒ Yes, reason:

An exchange of the graphical display is recommended if:

The installation is outside and no hard- or software write protection is done and the user role is maintenance.

Update/exchange can be done by

- *Exchanging the graphical display*
- *flashing of the display firmware via Bluetooth (with SmartBlue APP)*

- ☐ No, reason:

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
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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 / Hardware I revision:

Device	Manual	Documentation code
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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