

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 Wetzler GmbH + Co. KG
 Product : RIA45, RIA46
 Part number / Order code :

Communication / Interface	:	Communication	Device Type
		4...20 mA	Process indicator with control unit

2 Firmware, Hardware I

Type of change:

- Firmware version
 Hardware I revision

Old version / revision : 01.03.05
 New version / revision : 01.03.07

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

Indication during start up

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

Support of additional display driver

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:

Only required for new display generation

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
--------	----------------------	--------	--------------------

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
--------	--------	--------------------

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