

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

Product : HART® - Field transmitter

Part number / Order code : TMT162

Communication / Interface	:	Communication	Device Type
		HART®	0x11CE

2 Firmware, Hardware I

Type of change:

- ☒ Firmware version
☒ Hardware I revision

Old version / revision : 1.03.08 (FW) Dev.Rev. 2

New version / revision : 4.01.00 (FW) Dev.Rev. 4

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

Display (display of current firmware at device start-up), nameplate, parameter in configuration software)

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

- Support HART 7 protocol
- Status according to NE107
- SIL 2/3 certification according to IEC 61508:2010
- Integrated overvoltage protection (optional)
- Display: Numbers black, background white

3 Functional Safety

Impact on Functional Safety:

- ☐ No
☒ Yes

Changes in safety figures:

- ☐ No
☒ Yes → new figures refer to Safety Manual (chapter 1)

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:

- ☒ No, reason:

New firmware is not compatible with old hardware.

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
TMT162	HART®	Operation manual	BA01801T/09/EN/01.1 7

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
TMT162	Functional safety manual	SD01632T/09/EN/01.17

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