

# 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® - Temperature field transmitter	
Part number / Order code	:	TMT162-xxxxxxxxx+74	
Communication / Interface	:	Communication HART® 5	Device Type 0x00CA

## 2 Firmware, Hardware I

Type of change:

- ☒ Firmware version  
☒ Hardware I revision

Old version / revision	:	FW: 1.03.09; HW: 1.01.08
New version / revision	:	FW: 1.03.10; HW: 1.02.00

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:

The change only affects variant TMT162-xxxxxxxxx + 74. Electronic components have been changed, making a FW (xx.yy.zz) update at the zz position necessary. The hardware version (uu.vv.ww) has been changed at the vv position.

## 3 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:

The TMT162-xxxxxxx + 74 version is identical to TMT162-xxxxxxx + 77 from the functional and integration side, but has NO SIL conformity.

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:

An update to firmware version 01.03.10 is not possible.

#### 4 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
iTEMP TMT162	HART®	Operating manual	BA00132R/09/a3/14.18

The new instruction manuals can be downloaded from the Internet:

[www.endress.com](http://www.endress.com)      - area "DOWNLOADS"  
   - enter the device details and type of manual

#### 5 Price

Has the price of the device changed?

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