

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 head transmitter
 Part number / Order code : TMT182-xBxxx; TMT182-xCxxx; TMT182-xDxxx;
 TMT182-xExxx; TMT182-xFxxx

Communication / Interface	:	Communication	Device Type
		HART® 5	0x00C8

2 Firmware, Hardware I

Type of change:

- Firmware version
 Hardware I revision

Old version / revision : DeviceRel: 1.02.11; HW: 08
 New version / revision : DeviceRel: 1.03.00; HW: 09

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

Nameplate, parameter in configuration software

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

The change only affects the variants TMT182-xBxxx; TMT182-xCxxx; TMT182-xDxxx; TMT182-xExxx; TMT182-xFxxx. Electronic components have been changed, making a DeviceRel (xx.yy.zz) change at the yy position necessary. The hardware version has been increase at the last digit.

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 TMT182-xBxxx; TMT182-xCxxx; TMT182-xDxxx; TMT182-xExxx; TMT182-xFxxx version is identical to TMT182-xAxxx; TMT182-x1xxx; TMT182-x2xxx; TMT182-x3xxx; TMT182-x4xxx 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 01.03.00 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 TMT182	HART®	Compact Instruction	KA128R/09/a3/01.11

The new instruction manuals can be downloaded from the Internet:

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