

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® head transmitter and DIN rail device
 Part number / Order code : TMT82 - SIL version

Communication / Interface	:	Communication	Device Type
		HART®	0x11CC

2 Firmware, Hardware I

Type of change:

- Firmware version
 Hardware I revision

Old version / revision : 01.01.08
 New version / revision : 01.01.10

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

Display TID10 (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:

- Device parametrization for safety-related application extended. Second method "Expert Mode" (SIL-Mode Activation = SiMA) has been added.
- 2-wire measurement with RTDs for head transmitters in SIL mode possible
- Serial number no longer part of the SIL checksum anymore

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 new firmware requires a new DTM (FDT-Tool) and/or EDD (PDM, AMS, etc.) to perform the SIL-Mode activation.

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:

The new firmware requires a new DTM (FDT-Tool) and/or EDD (PDM, AMS, etc.) to perform the SIL-Mode activation.

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
TMT82	HART®	Functional safety manual	SD01172T/09/EN/04.17
TMT82	HART®	Operation manual	BA01028T/09/DE/17.17

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