

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® - Kopftransmitter und Hutschienengerät
 Part number / Order code : TMT82

Communication / Interface	:	Communication	Device Type
		HART®	0x11CC

2 Firmware, Hardware I

Type of change:

- Firmware version
 Hardware I revision

Old version / revision : 01.01.10
 New version / revision : 01.02.11

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

Display TID10 (firmware version displayed at device startup), name plate, parameter in configuration software

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

- High Alarm configurable for SIL-Mode
- Auto-recovery function available
- „Increased safety mode“
(safe parameter configuration= SiPA) removed from device operation
- All safety relevant parameters (SRP) and their settings can be saved and printed locally
- Parameter „SIL startup Modus“ removed – Setting „Active“ fixed
- Parameter „SIL HART Modus“ removed – Setting „HART active“ fixed

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) or an EDD (PDM, AMS, etc.) to fully support all new and changed functions.

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 firmware update was not performed due to a device error, but to extend the functionality of the transmitter (see change to previous version) A firmware update in the field to revision 01.02.00 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
TMT82	HART®	Functional safety manual	SD01172T/09/EN/05.19
TMT82	HART®	Operation manual	BA01028T/09/EN/20.19

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