



Level



Pressure



Flow



Temperature



Liquid Analysis



Registration



Systems Components



Services



Solutions

Manufacturer Information

for users regarding software updates
(following the NAMUR recommendation 53)

1. Type of device

- Field device / signal processing device
- Monitoring- / operation system / hand held terminal etc.
- Modem / interface

Manufacturer : Endress+Hauser Flowtec AG
 Device : Electromagnetic Flow Measuring System
 Type : Promag 50 HART (0x41)
 Order code : 50***_*****A, D, S, T, W

2. Software

Previous firmware version : 2.03.00
 New firmware version : 2.04.00
 How can the previous firmware version be identified? :

- Local display
- Nameplate for connections
- Configuration and service software e.g. FieldCare
- Handheld terminal for remote communication e.g. Field Xpert SFX100

 Description of the modifications in comparison to the previous firmware version :

- Improved the HART communication

3. Compatibility

Is the operating tool compatible with the installed device firmware?

- Yes
- No, description:

An update of the DD's (device description) is required for all operating tools in use.



Level



Pressure



Flow



Temperature



Liquid
Analysis



Registration



Systems
Components



Services



Solutions

Manufacturer Information

for users regarding software updates
(following the NAMUR recommendation 53)

Is a firmware update generally recommended?

- Yes:
- No, reason:

If the additional properties are not required for the operation of the measurement system, then no firmware update is necessary.

4. Instruction manual

Is a new instruction manual necessary due to the modification of the firmware?

- Yes
- No

Which manual corresponds to the new firmware?

Device	Communication options	Manual	Identification
Promag 50	HART	Operating Instructions	BA046D/06/en/11.09

The new instruction manuals can be referred in Internet:

<http://www.endress.com> - area „DOWNLOAD“
- declaration of the device and kind of manual

5. Price

Change in price of device in comparison with the predecessor version?

- Yes, new list price and update costs (without installation) are enclosed
- No