



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 23 HART (0x46)
 Order code : 23***_*****

2. Software

Previous firmware version : 2.02.00 (DE/EN) and 2.03.00 (FR/IT)
 New firmware version : 2.02.01 (DE/EN) and 2.03.01 (FR/IT)
 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 :

- Small error correction

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.



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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 23	HART	Operating Instructions	BA045D/06/en/02.03

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