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	: Vortex Flow Measuring System
Type	: Prowirl 73 HART (0x57)
Order code	: 73***-***********A, W

2. Software

Previous firmware version	: 1.02.00
New firmware version	: 1.02.01

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

:
- Fixed a problem in the HART Input functionality with:
  - Compressed Air (calculation of corrected flow) or
  - AGA NX-19 Natural Gas Equation (calculation of corrected volume flow) or
  - Real Gas Equation (calculation of mass flow or corrected volume flow)

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.

Is a firmware update generally recommended?

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☐ 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
Prowirl 73	HART	Operating instructions	BA094D/06/en/03.05

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

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