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

2. Software

Previous firmware version	: 1.03.03
New firmware version	: 1.04.00

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	: • The firmware has been extended with the t-mass 65 Gas-Engine (gas calculator) and with additional natural gas equations. An Energy-Calculator has been implemented that calculates calorific value referred to ISO 6976.

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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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
Prowirl 73	HART	Operating instructions	BA094D/06/en/11.08

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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