| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 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 72 PROFIBUS PA (0x153B) |
| Order code | : 72***-**********H |

## 2. Software

| | |
|---|---|
| Previous firmware version | : 1.03.00 |
| New firmware version | : 1.03.01 |

| | |
|---|---|
| How can the previous firmware version be identified? | : • Local display <br> • Nameplate for connections <br> • Configuration and service software e.g. FieldCare <br> • Handheld terminal for remote communication e.g. Field Xpert SFX100 |
| Description of the modifications in comparison to the previous firmware version | : • The display and acyclically communicated Corrected Volume Flow values were not the same as the calculated i.e. simulated value, when the Corrected Volume Flow Unit was not Norm Liter (Nl/time unit). The Analog Input i.e. cyclically communicated value was however correct. This problem has existed since PROFIBUS PA software version 1.01.00 <br> • Communication between Fieldtool and the device could not be established once the device was or is in cyclic data exchange with the PLC <br> • In rare cases the device sporadically restarts |

## 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.

## Endress+Hauser

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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:

The new firmware cannot be flashed, because new PROFIBUS PA hardware is required.

## 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 72 | PROFIBUS PA | Operating instructions | BA085D/06/en/01.07 |

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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