

# 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	: Ultrasonic Flow Measuring System
Туре	: Prosonic Flow 91 HART (0x62)
Order code	: 91***_********A

### 2. Software

Previous firmware version New firmware version	: 1.00.01 : 1.00.02
How can the previous firmware version be identified?	<ul> <li>Local display</li> <li>Nameplate for connections</li> <li>Configuration and service software e.g. FieldCare</li> <li>Handheld terminal for remote communication e.g. Field Xpert SFX100</li> </ul>
Description of the modifications in comparison to the previous firmware version	<ul> <li>Improved error handling:</li> <li>Notice of parameterization errors is indicated with error code 437 "Configuration"</li> <li>Improved test of the maximum pulse frequency</li> <li>Optimization of the updating of error indication during start up</li> </ul>

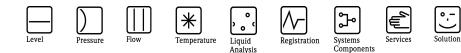
### 3. Compatibility

Is the operating tool compatible with the installed device firmware?

- 🛛 Yes
- $\square$  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:
- $\boxtimes$  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
Prosonic Flow 91	HART	Operating Instructions	BA100D/06/en/04.06

The new instruction manuals can be referred in Internet: <u>http://www.endress.com</u> - area "DOWNLOAD" - declaration of the device and kind of manual

### 5. Price

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

 $\hfill\square$  Yes, new list price and update costs (without installation) are enclosed  $\boxtimes$  No

