



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 : Ultrasonic Flow Measuring System  
 Type : Prosonic Flow 90 HART (0x58)  
 Order code : 90\*\*\*\_\*\*\*\*\*A, D, W

### 2. Software

Previous firmware version : 1.06.00  
 New firmware version : 2.00.00  
 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 :
 

- Product care

### 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.



Level



Pressure



Flow



Temperature



Liquid  
Analysis



Registration



Systems  
Components



Services



Solutions

## 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
Prosonic Flow 90	HART	Operating Instructions	BA068D/06/en/11.04

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