

# Manufacturer Information

For users regarding firmware and hardware updates  
(in accordance with the NAMUR 53 recommendation)

## 1 Type of device

- Field device / signal processing device  
 Monitoring / operating system

Manufacturer : Endress+Hauser Flowtec AG  
 Product : Ultrasonic Transit Time Flowmeter  
 Part number / Order code : 9B2B-\*A\*\*\*\*\*, 9B2B-\*B\*\*\*\*\*,  
 9B2B-\*C\*\*\*\*\*, 9B2B-\*D\*\*\*\*\*  
 Communication / Interface : Communication Device Type  
 HART 0x005A

## 2 Firmware, Hardware I

Type of change:

- Firmware version  
 Hardware I revision

Old version / revision : 1.01.03  
 New version / revision : 1.02.01

How can the old Firmware version / Hardware I revision number be identified:

- Local display
- Connection nameplate
- Configuration and service software e.g. FieldCare

Description of the modification with respect to the old Firmware version / Hardware I revision:

- Updated in accordance with HART 7 Specification
- HART Input integrated

### 3 Compatibility (Firmware, Hardware I)

Is the new Firmware version compatible with the previous version, the installed device drivers, the operating tool compatible / is the new Hardware I revision compatible with the previous revision?

Yes

No, description:

An update of the DD's (device description) is required for all operating tools in use.

Is a Firmware / Hardware I update generally recommended?

Yes, reason:

The firmware update / hardware exchange can be performed by means of:

- Replacement of electronic circuit boards; communication and amplifier module (This procedure is described in the operating instructions of the measuring system).
- Flashing the new firmware by means of; service or configuration program

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 required because of the changes in point 2?

Yes

No

Which manual corresponds to the new Firmware version / Hardware I revision:

Device	Communication option	Manual	Documentation code
Prosonic Flow B 200	HART	Operating instructions	BA01031D/06/EN/03.15

The new instruction manuals can be downloaded from the Internet:

[www.endress.com](http://www.endress.com)

- area "DOWNLOADS"

- enter the device details and type of manual

### 5 Price

Has the price of the device changed?

Yes, new list price and update costs (without installation) are attached

No