

# 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	:	Proline Promag 300 HART Proline Promag 500 HART				
Part number / Order code	:	5[H P W]3B – xxxxxxxxxxxxxx A2 5[H P W]5B – xxxxxxxxxxxxxx A2				
Communication / Interface	:	<table> <tbody> <tr> <td>Communication</td> <td>Device Type</td> </tr> <tr> <td>HART</td> <td>0x113C</td> </tr> </tbody> </table>	Communication	Device Type	HART	0x113C
Communication	Device Type					
HART	0x113C					

## 2 Firmware, Hardware I

Type of change:

- ☒ Firmware version  
☐ Hardware I revision

Old version / revision	:	1.05.02
New version / revision	:	1.06.00

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

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

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

- New function: Build-Up detection inclusive setup wizard as part of Heartbeat Technology feature set
- New function: Filter Wizard. Possible selections: «Application setup», «Proline 2 device replacement» or «Reset filter settings».
- New function: Heartbeat Sensor Integrity (HBSI). Diagnostics of interfering magnetic fields.
- New function: Asian fonts for Heartbeat Technology verification reports
- Improved: “Heartbeat Verification”: Heartbeat Verification now possible also in custody

transfer locked state, removed indication of PDF rendering tool in Heartbeat Technology verification report

- Improved: “Value Simulation”: Simulation value is no longer influenced by signal suppression like Low Flow Cutoff or empty pipe detection.
- Improved: “Parameter Handling”: Input Parameter “Fixed density” only visible when “Density mode/source” is set to “Fixed density”.
- Improved “Conductivity measurement”
- Electrode cleaning option turned on by default, if ordered
- “Flow damping bandwidth“ extended filter span range from  $\geq 12$  up to 15. Allows for extended system damping.

### 3 Functional Safety

Impact on Functional Safety:

- ☒ No  
☐ Yes

Changes in safety figures:

- ☒ No  
☐ Yes → new figures refer to Safety Manual (chapter 5)

### 4 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:

See list of changes at chapter 2

Is a Firmware update generally recommended?

- ☐ Yes, reason:

See list of changes at chapter 2

The firmware update can be performed by means of:

- Flashing the new firmware by means of; service or configuration program, i.e. FieldCare / Webserver

- ☒ No, reason:

## 5 Documentation

### Instruction manual

Is a new operation 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
Promag H 300	HART	Operating Manual	BA01392D/06/EN/04.22-00
Promag P 300	HART	Operating Manual	BA01393D/06/EN/05.22-00
Promag W 300	HART	Operating Manual	BA01918D/06/EN/04.22-00
Promag H 500	HART	Operating Manual	BA01398D/06/EN/05.22-00
Promag P 500	HART	Operating Manual	BA01399D/06/EN/06.22-00
Promag W 500	HART	Operating Manual	BA01400D/06/EN/06.22-00

### Safety manual

Is a new safety manual required because of the changes in point 2?

- ☐ Yes  
☒ No, no safety-relevant changes

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

Device	Manual	Documentation code
Promag 300 HART	Functional Safety	SD01740D/06/EN/07.22-00
Promag 500 HART	Functional Safety	SD01741D/06/EN/07.22-00

The new manuals can be downloaded from the Internet:

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

- area "DOWNLOADS"

- enter the device details and type of manual

## 6 Price

Has the price of the device changed?

- ☐ Yes, new list price and update costs (without installation) are attached  
☒ No