

# 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 Modbus Proline Promag 500 Modbus
Part number / Order code	:	5[H P W]3B - xxxxxxxxxxxxxxxA2 5[H P W]5B - xxxxxxxxxxxxxxxA2
Communication / Interface	:	Communication                      Device Type Modbus                                      0x643C

## 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 / Hardware I 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 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
Promag H 300	Modbus	Operating Manual	BA01394D/06/EN/04.22-00
Promag P 300	Modbus	Operating Manual	BA01395D/06/EN/05.22-00
Promag W 300	Modbus	Operating Manual	BA01939D/06/EN/04.22-00
Promag H 500	Modbus	Operating Manual	BA01401D/06/EN/05.22-00
Promag P 500	Modbus	Operating Manual	BA01402D/06/EN/06.22-00
Promag W 500	Modbus	Operating Manual	BA01403D/06/EN/06.22-00

### Safety manual

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

- Yes  
 No

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

Device	Manual	Documentation code
-	-	-

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