

# 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 300/500 HART  
 Part number / Order code : 5[H|P|W]5B-\*\*[BA|CA|CC]\*\*\*\*\*A2  
 5[H|P]3B-\*\*[BA|CA|CC]\*\*\*\*\*A2

Communication / Interface	:	Communication	Device Type
		HART	0x113C

## 2 Firmware, Hardware I

Type of change:

- Firmware version  
 Hardware I revision

Old version / revision : 1.01.04  
 New version / revision : 1.05.00

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:

- Update CPU-Modem
- Update ISEM
- Update IO-Module
- Update Display A309 / A310
- Improved "Conductivity Stability"
- Improved "Custody Transfer"
- Improved "Data Management"
- Improved "Diagnostic / Event Handling"
- Improved "HART Handling"

- Improved "Heartbeat Verification"
- Improved "Measurement"
- Improved "OPC UA"
- Improved "Parameter Handling"
- Improved "Signal Integrity"
- Improved "Webserver"
- Improved "WLAN Handling"
- Improvement for HART Conformance Tests
- Support for new board type C303-01 (active Ex-i)

### 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:
- New hardware (IO Module 1) and new firmware to support “active Ex-i”
  - New hardware (IO Module 1) requires new firmware for “non Ex-i” and “passive Ex-i”

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:

Recommended only for users who want to use “active Ex-i” or either profit of the new functionalities.

## 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
Proline Promag H 300	HART	Operating Instructions	BA01392D/06/EN/03.19
Proline Promag H 500	HART	Operating Instruction	BA01398D/06/EN/03.19
Proline Promag P 300	HART	Operating Instruction	BA01393D/06/EN/04.19
Proline Promag P 500	HART	Operating Instruction	BA01399D/06/EN/04.19
Proline Promag W 300	HART	Operating Instruction	BA01918D/06/EN/02.19
Proline Promag W 500	HART	Operating Instruction	BA01400D/06/EN/04.19

### 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
Proline Promag H P W 300	Functional Safety	SD01740D/06/EN/06.20
Proline Promag H P W 500	Functional Safety	SD01741D/06/EN/06.20

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