## **Manufacturer Information**

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

1 Type of device				
<ul><li>             ⊠ Field device / signal processing device             □ Monitoring / operating system         </li></ul>				
Manufacturer :		Endress+Hauser Flowtec AG		
Product		Proline Promag 400		
Part number / Order code :		5[D L W]4C - xxxxLxxxxxxxxx		
Communication / Interface		Communication	Device Type	
meriace		PROFIBUS DP	0x1562	
2 Firmware, Hardware I				

Old version / revision : 1.01.00

New version / revision : 2.00.01

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

Local display

Firmware version

Hardware I revision

Nameplate

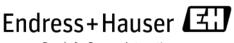
Type of change:

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• Configuration and service software e.g. FieldCare

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

- New Feature: Build-Up Detection
- New Feature: Heartbeat Technology Update (4-page-report)
- New Feature: Analog Output Block for external temperature
- New Feature: Floating Measurement
- Improvement: Performance Improvements
- Improvement: Webserver Update
- Improvement: Wifi / WLAN
- Improvement: Conductivity Measurement
- Improvement: New process values for Analog Input available



3	Functional Safety
Im	pact on Functional Safety:
	No Yes
Ch	anges in safety figures:
	No Yes → new figures refer to Safety Manual (chapter 5)
4	Compatibility (Firmware, Hardware I)
	the new Firmware version compatible with the previous version, the installed device drivers, the erating tool compatible / is the new Hardware I revision compatible with the previous revision?
	Yes No, description:
	<ul> <li>See list of changes at chapter 2</li> <li>GSD: Compatible, but: new, added diagnostics and process values are not supported by old GSD</li> <li>DTM: Not compatible</li> <li>Hardware: Not compatible</li> <li>Important: Drop-In-Replacement is possible</li> </ul>
Is a	a Firmware / Hardware I update generally recommended? Yes, reason:
	• See list of changes at chapter 2
Tl	he firmware update can be performed by means of: Flashing the new firmware by means of; service or configuration program, i.e. FieldCare
$\boxtimes$	No, reason:
	<ul> <li>A firmware update is not necessary, as long as new features shall not be used</li> <li>A firmware update requires an update of Sensor Electronic (ISEM). A modification of electronic is necessary to be able to update to the new firmware version.</li> </ul>

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In	stru	ction	manua	aΙ

is a ne	is a new instruction manual required because of the changes in point 2?					
	Yes No					
Which	manual corresp	oonds to the new Firmware	e version / Hardware I revi	sion:		
Device	2	Communication option	Manual	Documentation code		
Promag W 400		PROFIBUS DP	Operating Instructions	BA01234D/06/EN/07.21		
Promag 400		N.A.	Installation Instruction	EA01099D/06/A2/07.21		
Safety	manual					
Is a ne	w safety manua	l required because of the c	hanges in point 2?			
	Yes No					
Which	safety manual	corresponds to the new Fir	mware version / Hardware	e I revision:		
Device	2		Manual	Documentation code		
The new manuals can be downloaded from the Internet:  www.endress.com - area "DOWNLOADS"  - enter the device details and type of manual						
6 Price						
Has the price of the device changed?						
	<ul><li>Yes, new list price and update costs (without installation) are attached</li><li>No</li></ul>					