

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 400
 Part number / Order code : 5[D|L|W]4C – xxxNxxxxxxxxx

Communication / Interface	:	Communication	Device Type
		EtherNet/IP	0x1069

2 Firmware, Hardware I

Type of change:

- ☒ Firmware version
☐ Hardware I revision

Old version / revision : 1.01.05
 New version / revision : 2.00.00

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

- Local display
- Nameplate
- 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: Floating Measurement
- New Feature: New EtherNet/IP Assemblies for new process values
- Improvement: Performance
- Improvement: Webserver Update
- Improvement: Wifi / WLAN
- Improvement: Conductivity Measurement

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
 - EDS: Compatible, but: new, added diagnostics & process values are not supported by old EDS
 - AOP: Compatible, but: new, added diagnostics & process values are not supported by old AOP
 - DTM: Not compatible
 - Hardware: Not compatible
 - **Important:** Drop-in-replacement is possible

Is a Firmware / Hardware I update generally recommended?

- ☐ Yes, reason:
 - See list of changes at chapter 2

The firmware update exchange can be performed by means of:

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

- ☒ No, reason:
 - A firmware update is not necessary, as long as new features shall not be used
 - 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.

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 W 400	EtherNet/IP	Operating Instruction	BA01214D/06/EN/07.21
Promag 400	N.A.	Installation Instruction	EA01099D/06/A2/07.21

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

- 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