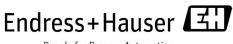# Manufacturer Information

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 Promass 100 HART
Part number / Order code	:	8[A|C|E|F|G|H|I|O|P|S]1B - xxxxxxxxxx 8[E|S]1C - xxxxxxxxxx

Communication / Interface	:	Communication	Device Type
		HART	0x114A

2   Firmware, Hardware I

Type of change:

☒   Firmware version
☒   Hardware I revision

Old version / revision	:	V01.01.03
New version / revision	:	V01.01.04

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

- Local display
- Webserver
- Configuration- or service tools, e.g. FieldCare

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

Introduction of a new IO board with a new processor.

3   Functional Safety

Impact on Functional Safety:

☒   No
☐   Yes

Endress+Hauser

People for Process Automation

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:

Due to Hardware adaptions of the IO-Board, the firmware is not backwards compatible.

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:

The update does not offer any new features or bug fixes compared to the previous firmware.

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
Promass F 100	4-20mA HART, pulse/freq./switch output	Operating Instructions	BA01168D/06/EN/04.21
Promass E 100	4-20mA HART, pulse/freq./switch output	Operating Instructions	BA01713D/06/EN/03.21
Promass S 100	4-20mA HART, pulse/freq./switch output	Operating Instructions	BA01193D/06/EN/03.21
Promass P 100	4-20mA HART, pulse/freq./switch output	Operating Instructions	BA01192D/06/EN/02.14
Promass H 100	4-20mA HART, pulse/freq./switch output	Operating Instructions	BA01189D/06/EN/01.14
Promass I 100	4-20mA HART, pulse/freq./switch output	Operating Instructions	BA01190D/06/EN/03.21

Promass A 100	4-20mA HART, pulse/freq./switch output	Operating Instructions	BA01187D/06/EN/02.14
Promass O 100	4-20mA HART, pulse/freq./switch output	Operating Instructions	BA01191D/06/EN/02.21
Promass G 100	4-20mA HART, pulse/freq./switch output	Operating Instructions	BA01346D/06/EN/01.14
Promass C 100	4-20mA HART, pulse/freq./switch output	Operating Instructions	BA01188D/06/EN/03.20
XPD0005	4-20mA HART, pulse/freq./switch output	Installation Instructions	EA01018D/06/A2/14.21

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 valid 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