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 300 / 500 Coriolis Flowmeter
Part number / Order code	:	8[A|C|E|F|H|I|O|P|Q|S|X]3B-xx[BA|CA]xxxxxxxxx, 8[A|C|E|F|H|I|O|P|Q|S|X]5B-xx[BA|CA]xxxxxxxxx

Communication / Interface	:	Communication	Device Type
		HART	0x113B

2 Firmware, Hardware I

Type of change:

☒   Firmware version
☐   Hardware I revision

Old version / revision	:	1.00.03
New version / revision	:	1.01.01

How can the old Firmware version / Hardware I revision number be identified:
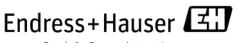
- Local display
- Connection nameplate
- Configuration and service software e.g. FieldCare

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

- Availability optimization for Heartbeat measurement values
- Optimization of menu regarding Heartbeat
- Optimization of concentration measurement
- New diagnostic events
- New HART device variables
- HBSI Scheduler
- WLAN infrastructure mode
- WLAN-HMI improvements
- Update Webserver features

Endress+Hauser

People for Process Automation

- Petroleum Package
- Concentration/Brix Package
- Improvement of File download
- OPC-UA Server

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:

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:

Only recommended for users who want to use new device functions

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 A 300	HART	Operating Instruction	BA01482D/06/EN/02.17
Promass E 300	HART	Operating Instruction	BA01484D/06/EN/02.17
Cubemass 300	HART	Operating Instruction	BA01483D/06/EN/02.17
Promass F 300	HART	Operating Instruction	BA01485D/06/EN/02.17
Promass H 300	HART	Operating Instruction	BA01486D/06/EN/02.17
Promass I 300	HART	Operating Instruction	BA01487D/06/EN/02.17
Promass O 300	HART	Operating Instruction	BA01488D/06/EN/02.17
Promass P 300	HART	Operating Instruction	BA01489D/06/EN/02.17
Promass Q 300	HART	Operating Instruction	BA01490D/06/EN/02.17
Promass S 300	HART	Operating Instruction	BA01491D/06/EN/02.17
Promass X 300	HART	Operating Instruction	BA01492D/06/EN/02.17
Promass A 500	HART	Operating Instruction	BA01526D/06/EN/02.17
Promass E 500	HART	Operating Instruction	BA01528D/06/EN/02.17
Cubemass 500	HART	Operating Instruction	BA01527D/06/EN/02.17
Promass F 500	HART	Operating Instruction	BA01529D/06/EN/02.17
Promass H 500	HART	Operating Instruction	BA01398D/06/EN/02.17
Promass I 500	HART	Operating Instruction	BA01531D/06/EN/02.17
Promass O 500	HART	Operating Instruction	BA01532D/06/EN/02.17
Promass P 500	HART	Operating Instruction	BA01399D/06/EN/02.17
Promass Q 500	HART	Operating Instruction	BA01534D/06/EN/02.17
Promass S 500	HART	Operating Instruction	BA01535D/06/EN/02.17
Promass X 500	HART	Operating Instruction	BA01536D/06/EN/02.17

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
Cubemass C	Special Documentation	SD01726D/06/EN/03.17
Promass A|E |F|X |S|Q|P|O|I|H 300	Special Documentation	SD01727D/06/EN/03.17

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