

# 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 Modbus  
 Proline Promass 500 Modbus  
 Part number / Order code : 8A3C – xxxxxxxxxxxxxA2x  
 8[A|C|E|F|H|I|O|P|Q|S|X]3B – xxxxxxxxxxxxxA2x  
 8A5C – xxxxxxxxxxxxxA2x  
 8[A|C|E|F|H|I|O|P|Q|S|X]5B – xxxxxxxxxxxxxA2x

Communication / Interface	:	Communication	Device Type
		Modbus	0x643B

## 2 Firmware, Hardware I

Type of change:

- Firmware version  
 Hardware I revision

Old version / revision : 1.05.02  
 New version / revision : 1.06.00

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

- Local display
- Connection nameplate
- Configuration and service software e.g. FieldCare or web server

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

- Promass Q: additional nominal diameter DN150, DN200, DN250
- New function: Wizard for zero-point adjustment and setting
- New function: Asian fonts for Heartbeat Technology verification reports
- Improved: extended display value to 6 decimal places
- Improved: added volume flow units: Mft<sup>3</sup>/d, Mft<sup>3</sup>/h, Mft<sup>3</sup>/min, Mft<sup>3</sup>/s
- Improved: "Heartbeat Verification": Heartbeat Verification now possible also in custody transfer locked state, removed indication of PDF rendering tool in Heartbeat Technology

verification report

- Improved: “Value Simulation”: Simulation value is no longer influenced by signal suppression like Low Flow Cutoff or empty pipe detection.
- Improved: “Parameter Handling”: Input Parameter “Fixed density” only visible when “Density mode/source” is set to “Fixed density”.
- Improvement: Extended gas selection
  - Methan CH<sub>4</sub> + 10% Hydrogen
  - Methan CH<sub>4</sub> + 20% Hydrogen
  - Methan CH<sub>4</sub> + 30% Hydrogen

### 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

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 / Webservice

- No, reason:

## 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	Modbus	Operating Manual	BA01842D/06/EN/04.22-00
Cubemass C 300	Modbus	Operating Manual	BA01494D/06/EN/05.22-00
Promass E 300	Modbus	Operating Manual	BA01495D/06/EN/06.22-00
Promass F 300	Modbus	Operating Manual	BA01496D/06/EN/06.22-00
Promass H 300	Modbus	Operating Manual	BA01497D/06/EN/04.22-00
Promass I 300	Modbus	Operating Manual	BA01498D/06/EN/05.22-00
Promass O 300	Modbus	Operating Manual	BA01499D/06/EN/06.22-00
Promass P 300	Modbus	Operating Manual	BA01500D/06/EN/04.22-00
Promass Q 300	Modbus	Operating Manual	BA01501D/06/EN/07.22-00
Promass S 300	Modbus	Operating Manual	BA01502D/06/EN/05.22-00
Promass Q 300	Modbus	Operating Manual	BA01503D/06/EN/05.22-00
Promass A 500	Modbus	Operating Manual	BA01884D/06/EN/04.22-00
Cubemass C 500	Modbus	Operating Manual	BA01538D/06/EN/05.22-00
Promass E 500	Modbus	Operating Manual	BA01539D/06/EN/06.22-00
Promass F 500	Modbus	Operating Manual	BA01540D/06/EN/06.22-00
Promass H 500	Modbus	Operating Manual	BA01541D/06/EN/04.22-00
Promass I 500	Modbus	Operating Manual	BA01542D/06/EN/05.22-00
Promass O 500	Modbus	Operating Manual	BA01543D/06/EN/06.22-00
Promass P 500	Modbus	Operating Manual	BA01544D/06/EN/04.22-00
Promass Q 500	Modbus	Operating Manual	BA01545D/06/EN/07.22-00
Promass S 500	Modbus	Operating Manual	BA01546D/06/EN/05.22-00
Promass X 500	Modbus	Operating Manual	BA01547D/06/EN/05.22-00

## 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](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