Manufacturer Information

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

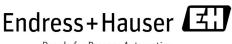
1	Гуре of device						
	Field device / signal processing device Monitoring / operating system						
Manufacturer :		:	Endress+Hauser Flowtec AG				
Product		:	Proline Promass 300 Modbus Proline Promass 500 Modbus				
Part number / Order code		:	8A3C - xxxxxxxxxxxA2x 8[A C E F H I O P Q S X]3B - xxxxxxxxxxxA2x 8A5C - xxxxxxxxxxxxA2x 8[A C E F H I O P Q S X]5B - xxxxxxxxxxxxA2x				
Communication / : Interface		:	Communication	Device Type			
11100			Modbus	0x643B			
2 I	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: Mft³/d, Mft³/h, Mft³/min, Mft³/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

 \boxtimes

No, reason:

- 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 CH4 + 10% Hydrogen
 - Methan CH4 + 20% Hydrogen
 - Methan CH4 + 30% Hydrogen

3	Functional Safety							
Im	Impact 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:							
Se	ee list of changes at chapter 2							
Is a □	a Firmware / Hardware I update generally recommended? Yes, reason:							
Se	ee list of changes at chapter 2							
•	ne firmware update exchange can be performed by means of: Flashing the new firmware by means of; service or configuration program, i.e. FieldCare / ebserver							

5 Documentation

Instruction manual

s a new instruction manu	al required becaus	se of the change	es in point 2?
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☑ Yes☐ No

Which manual corresponds to the new Firmware version / Hardware I revision:

n code /EN/04.22-00 /EN/05.22-00 /EN/06.22-00 /EN/04.22-00 /EN/05.22-00
/EN/05.22-00 /EN/06.22-00 /EN/06.22-00 /EN/04.22-00
/EN/06.22-00 /EN/06.22-00 /EN/04.22-00
/EN/06.22-00 /EN/04.22-00
/EN/04.22-00
•
/FN/05 22-00
LIN/03.22 00
/EN/06.22-00
/EN/04.22-00
/EN/07.22-00
/EN/05.22-00
/EN/05.22-00
/EN/04.22-00
/EN/05.22-00
/EN/06.22-00
/EN/06.22-00
/EN/04.22-00
/EN/05.22-00
/EN/06.22-00
/EN/04.22-00
/EN/07.22-00
/EN/05.22-00
/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 - area "DOWNLOADS" - enter the device details and type of manual						
6 Pr	ice					
Has the price of the device changed?						
	Yes, new list price and update costs (without installation) are attached No					