



Manufacturer Information

for users regarding software updates
(following the NAMUR recommendation 53)

1 Type of device

- Field device / signal processing device
- Monitoring- / operation system / hand held terminal etc.
- Modem / interface

Manufacturer : Endress+Hauser GmbH+Co.KG

Device : Prosonic S

Type : FMU90 (HART and PROFIBUS DP), FMU95 (PROFIBUS DP)

Previous software version : FMU90 (HART, DP) -> V02.00.02 , FMU95 (DP) -> V01.00.02

How can the previous software version number be identified:

- (a) by standard HART commando #0
- (b) by FieldCare / DTM (HART)
- (c) by local operation

2 Firmware/Software

New firm-/software version : V02.01.00 (FMU90), V01.01.00 (FMU95)

Description of the modification in comparison with the predecessor version:

- (1) Implementation of new sensor FDU90
- (2) Improve linearization for Palmer-Bowlus flumes
- (3) Bug fix (detection window ...)

3 Compatibility

Is the newly installed firmware/software compatible with the operating tools?

- Yes
 - Fieldcare: HART: - FieldCare CD-Version: 1.07.00
 - DTM-Lib-Version: 2.23.00
 - Profibus: - FieldCare CD-Version: 1.07.00
 - DTM-Lib-Version: 2.23.00

No, description:



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Is a firm/software update generally recommended?

Yes, reasons:

No, reasons:

An update is only necessary if there are problems with the software failure “detection window always active even if “OFF” had been chosen in the parameterization (If signal jumps >1m are expected and a fast reaction time is needed) This failure has been fixed.

4 Instruction manual

Is a new instruction manual necessary due to the modification of the firm-/software?

Yes

No

Which manual corresponds to the new firm-/software:

Device	Communication options	Manual	Marking
FMU90	HART®	BA 288F/289F	
	Profibus	BA 292F/293F	
	Description of instrument functions	BA 290F	
FMU95		BA 344F	
	Description of instrument functions	BA 345F	

The new instruction manuals can be referred in Internet:

<http://www.endress.com>

- area „DOWNLOAD“

- declaration of the device and kind of manual

5 Price

Change in price of device in comparison with the predecessor version?

Yes, new list price and update costs (without installation) are enclosed

No