







Manufacturer Information

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

1 Type of device

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

Manufacturer	: Endress+Hauser GmbH+Co.KG			
Device	: Prosonic S			
Туре	: 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 $HAPT$ commande #0				

- (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

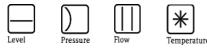
Is the newly installed firmware/software compatible with the operating tools?

🛛 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

 \square No, description:











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Is a firm/software update generally recommended?

□ Yes, reasons:

 \boxtimes 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: <u>http://www.endress.com</u> - area "DOWNLOAD" - declaration of the device and kind of manual

5 Price

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

 $\hfill\square$ Yes, new list price and update costs (without installation) are enclosed

🛛 No

