



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)

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

How can the previous software version number be identified:

- (a) by standard HART commando #0
- (b) by ToF Tool
- (c) by Fieldcare / DTM (HART)
- (d) by local operation

2 Firmware/Software

New firm-/software version : V02.00.00

Description of the modification in comparison with the predecessor version:

- (1) Correction of daily counter function
- (2) Added additional software functions for example:
 - Additional digital inputs
 - Additional external temperature sensor
 - Additional pump control functions
- (3) Added menu languages

3 Compatibility

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

- Yes
 - ToF Tool Field Tool Package ab Version 4.04
 - HART Communicator DXR 375
Rev.: 1, DD Rev.: 1
 - Fieldcare: HART: - FieldCare CD-Version: 2.14.00
- DTM-Lib-Version: 1.4.134.255
 - Profibus: - FieldCare CD-Version: 2.14.01
- DTM-Lib-Version: 1.5.102.186
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No, description:

Is a firm-/software update generally recommended?

Yes, reasons:

The firm-/software update can be performed by means of ...

No, reasons:

Only if the daily counter must be used, a update is recommended

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	BA288F/00/en/02.07	Manual Prosonic S FMU90 Level measurement
FMU90	HART	BA289F/00/en/02.07	Manual Prosonic S FMU90 Flow measurement
FMU90	DP	BA292F/00/en/02.07	Manual Prosonic S FMU90 Level measurement
FMU90	DP	BA293F/00/en/02.07	Manual Prosonic S FMU90 Flow measurement



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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