| Level | Pressure | Flow | Temperature | Liquid Analysis | Registration | Systems Components | Services | Solutions |

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) -> V01.00.00, FMU90 (Profibus DP) -> V01.00.00

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   : V01.00.02

Description of the modification in comparison with the predecessor version:

(1) Correction of relay function limit and alarm/diagnostic
     see also Service Information SI F8601001en0

(2) Correction of the behaviour "switch on border" in the pump
     control function pump rate to absolute value

(3) Improved up/download functionality

3   Compatibility

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

☒ Yes

– ToF Tool Field Tool Package version 3.06
– HART Communicator DXR375
   Rev.: 1, DD Rev.: 1
– Fieldcare version 2.02.00 / DTM Library Release Single DTM with Library 2.09.00 (HART)

☐ No, description:

Endress+Hauser

People for Process Automation

Manufacturer Information

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

Is a firm/software update generally recommended?

☒ Yes, reasons:

The safety related relay function limit detection and alarm/diagnostic is working after a power on for a time intervall of 24 days. By using this function a update of the firmaware is recommended.

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

Resend of the instrument to the Endress + Hauser sales organisation of the country or flash update of the firmware with a service technician

☐ No, reasons:

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

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

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