Solutions **Products** Services Document code / 13.11.2015

1 Type of device

of the prooftest has changed.

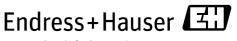
## Manufacturer Information

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

<ul><li>             ⊠ Field device / signal processing device             □ Monitoring / operating system         </li></ul>						
Manufacturer		Endress+Hauser GmbH+Co.KG				
Product		Nivotester with Liquiphant FTL5x/FTL7x				
Part number / Order code	:	FTL325N				
Communication / Interface	:	Communication	Device Type			
		NAMUR				
2 Firmware, Hardware I						
Type of change:						
<ul><li>☐ Firmware version</li><li>☐ Hardware I revision</li></ul>						
Old version / revision	:	HW-01.00				
New version / revision :		HW-02.00				
How can the old Firmware ve	ersio	n / Hardware I revision nun	nber be identified:			
Marking on the nameplate. Al the HW version 01.00.	l dev	ices before the model year 20	015 without marking are comply with			
Description of the modificati	on w	rith respect to the old Firmw	vare version / Hardware I revision:			
Due to the phase out of an electronic part we had to do a Hardware update. The new HW 02.00 has						
slightly worse SIL values, based on the new calculation according to IEC61508 edition 2011.						

The PFDavg (HW02.00) value is far below the allowable limit for SIL2 applications. The verification

The SIL calculation for the entire plant must optionally recalculate.



3	Compatibility (Fig	rmware, Hardware I)			
		version compatible with the previble / is the new Hardware I revision			
	Yes No, description	:			
Is a	Firmware / Hard Yes, reason:	ware I update generally recomme	ended?		
• ]	Replacement of ele (This procedure is de	hardware exchange can be perfor ctronic circuit boards; communicati scribed in the operating instructions of rmware by means of; service or cor	ion and amplifier modul f the measuring system).	e	
	No, reason:				
No	device exchange re	quired, no firmware existing			
4	Instruction manu	al			
Is a	new instruction r	nanual required because of the c	hanges in point 2?		
	Yes No				
Wh	ich manual corresp	oonds to the new Firmware version	/ Hardware I revision:		
Dev	rice	Communication option	Manual	Documentation code	
FTL325N		NAMUR with FEL56	Safaty Manual	SD01522F	
		NAMUR with FEL58	Safaty Manual	SD01521F	
	e new instruction m w.endress.com	nanuals can be downloaded from the - area "DOWNLOADS" - enter the device details and t			
5	Price				
Has	s the price of the de	vice changed?			
	Yes, new list price and update costs (without installation) are attached No				