

## Overall Status - Pass

### Sensor Information

Sensor Type	Swirl
Meter Size	DN 50
Qmax DN	3800.000 m <sup>3</sup> /h
Sensor ID	10003209
SAP/ERP No.	243726961X001
First Calibration Date	10.10.2016_?
Cal. Cert. No.	243726961X001_
First Calibration Location	D-37070 Goettingen
Sensor Run Hours	26846.000 Hour
PT100 Active	PT100
Temperature Offset	0.000 Celsius
Auto zero	Completed
Low Flow Threshold Value	300.000
Vibr Compensation (On/Off)	On

### Summary Verification of the Sensor

<b>Piezo Sensor Group</b>		<b>PASS</b>
Signal Sensor Status	No Alarms	PASS
Vibration Sensor Status	No Alarms	PASS
PT100 Sensor Status	No Alarms	PASS
<b>Sensor Quality</b>		<b>INFO</b>
FFT Magnitude	1341.000	
Signal Amplitude	7619.000	
Vibration Amplitude	2225.000	
Signal Noise Ration (SNR)	8.664 dB	
Flow Frequency	93.091 Hz	
Medium Temperature	203.751 Celsius	
Medium Pressure	0.1 bar	
<b>Temperature Sensor</b>		<b>INFO</b>
Current Temp	203.729 Celsius	
Highest Stored Temp	221.257 Celsius	
<b>Sensor Alarms</b>		<b>PASS</b>
Status	No Alarms	

### Transmitter Information

Transmitter Type	FSS430
Transmitter ID	00000000
Tag	
SAP/ERP No.	243726961X001
Tx Firmware Version	01.04.00
TX Hardware Version	01.03.00
FE Firmware Version	01.04.00
FE Hardware Version	01.04.00
Bootloader Version	01.02.00
Transmitter Run Hours	26932.000 Hour
First Calibration Date	2012-01-0100
Cal. Cert No.	000000000000000000
First Calibration Location	000000000000000000 0000000000000000
Process Mode	Steam/Water Mass
Qmax Qv	3800.000 m <sup>3</sup> /h
Unit Temperature	Celsius
Output Value	Q-Flowrate
Do Function	Pulse
Language	English
Flow Cut Off Level	3.000 %
Analog In Value	Without
HART In Value	Without

### Summary Verification of the Transmitter

<b>Output Group</b>		<b>NOT EXECUTED</b>
<b>Current Output</b>		<b>PASS</b>
<b>Applied</b>	<b>Measured</b>	<b>Result</b>
4 mA	4.000 mA	PASS
12 mA	11.960 mA	PASS
20 mA	19.960 mA	PASS
<b>Digital Output</b>		<b>NOT EXECUTED</b>
<b>Applied</b>	<b>Measured</b>	<b>Result</b>
10000 Hz		
1000 Hz		
10 Hz		
<b>Hart Input</b>		<b>NOT EXECUTED</b>
Burst Out		
Burst In		
<b>Transmitter Temperature</b>		<b>INFO</b>
Current Temperature	50.707 Celsius	
Highest Stored Temperature	89.262 Celsius	
<b>Transmitter Group</b>		<b>PASS</b>
Transmitter Group Status	No Alarms	
<b>Analog Input</b>		<b>NOT EXECUTED</b>
<b>Applied</b>	<b>Measured</b>	<b>Result</b>
4 mA		
12 mA		
20 mA		