

## Final Inspection Report

### Order information

Customer name	EUROTEC DEVELOPPEMENT
Customer purchase order	22040700 - COP22 - DL
Sales order number / Item	3011090981/0050
Internal order number / Item	3020696762000050

### Device information

Description	Waterpilot FMX21
TAG	
Serial number	T8033901122
Order code	FMX21-1AA88/0
Extended order code	FMX21-AA121HGD11A

### Additional information

Output type	4-20 mA
Software version	01.00
Sensor range	0...10 mH2O
Adjusted measuring range	0...10 mH2O
Maximum permissible error	±0.2 %
Output mode	linear

### Procedure

Test specification	P0043, Comparison of unit under test (UUT) with standard
Test rig	558

### Measuring condition

Ambient temperature	27.2 °C ±1 °C
Ambient pressure	974.7 mbar ±0.2 mbar
Ambient humidity	49.1 % rel. ±10 % rel.
UUT orientation	



### Execution

Maulburg, 2022-08-19, P00002

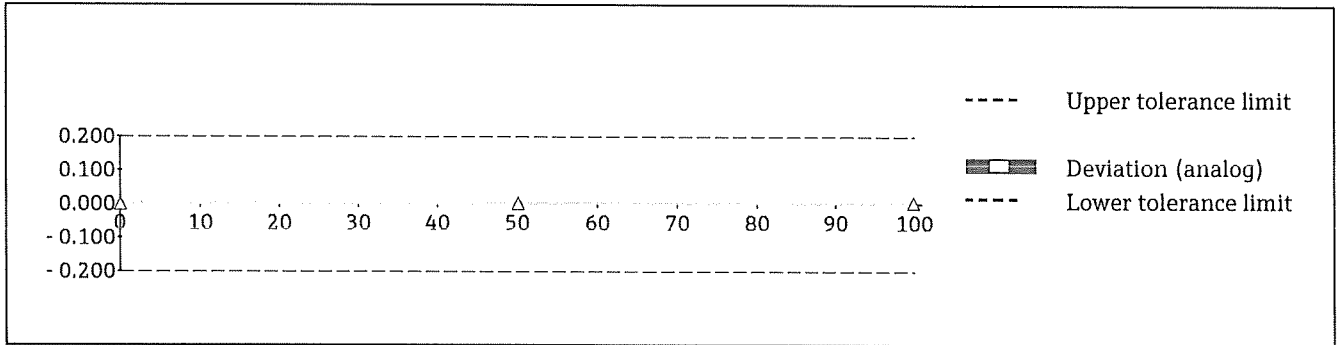
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### Test result

#### Deviation

% of set span



Test point	Reference pressure [mH2O]	UUT output (digital) [mH2O]	Measurement error (digital) [%]	Measurement error (digital) [mH2O]	Reference pressure (out calc.) [mA]	UUT output (analog) [mA]	Measurement error (analog) [%]
-0	-0.00015	--	--	--	3.99976	3.99979	0.00017
50	5.01100	--	--	--	12.01760	12.01779	0.00121
99.8	9.98420	--	--	--	19.97472	19.97557	0.00529

Hereby we confirm that all applicable tests according to the Quality plan (IP00007P) have been performed successfully.

Test	Procedure number	Test description
Contract review	TS00001F	As required in ISO 9001
Incoming goods inspection	TS00003F	Verification of conformance to the specified requirements
Printed circuit boards test	TS00009F	In-circuit test and functional test
Functional test of sensor	TS00022P	Verification of sensor function
Calibration of instrument	TS00023P	Measurement, adjustment and verification of lower range value, upper range value and output signal
High voltage test	TS00002F	Used voltage used is chosen depending on operating voltage, terminals and approvals in accordance to the valid national / international standards
Final check of instrument	TS00024P	Verification of general functionality and customer specific settings
Outgoing visual check	TS00006F	Visual inspection of completeness and correctness of the instrument and the markings
Logistical verification	TS00005F	Automatic verification in the delivery phase via barcode that the instrument correspond to the order

Hereby we confirm that all measuring equipment used to assure the quality of the products has been calibrated and is traceable to national or international standards.